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DATA PROCESSING BRANCH **USAFETAC** Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

WBAN# 13909 VANCE AFB OKLAHOMA/ENID N 36 21 W 097 55 FLD ELEV 1307 FT KEND

PARTS A-F

JAN 42-APR 43, JUN 43-JAN 47, OCT 48-NOV 75 POR FROM HOURLY OBS:

JAN 42-APR 43, JUN 43-JAN 47, OCT 48-NOV 75 POR FROM DAILY OBS:

APR 0 7 1976

FEDERAL BUILDING

ASHEVILLE, N. C.

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This technical report has been reviewed and is approved for publication.

MICHAEL W. PRESTON SMSgt, USAF USAFETAC Reviewer

FOR THE COMMANDER

WALTER S. BURGMANN Scientific & Technical Information Officer

4070146

DDC ACCESSION NUMBER



DDC PROCESSING DATA

PHOTOGRAPH

THIS SHEET



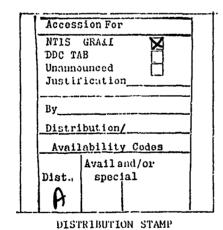
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	SECU SECUTION OF THIS PAGE (When Data Entered)	<u>.</u>
	REPORT DOCUMENTATION PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM
	1. REPORT NUMBER 2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
-	USAFETAC/DS- 79/014) / 4	
	Title (and Subtille)	5 TYPE OF REPORT & PERIOD COVERED
1	Revised Uniform Summary of Surface Weather)	Final rept.
V	Enid, Oklahoma	6. PERFORMING ORG. REPORT NUMBER
	7 AUTHOR(a)	8. CONTRACT OR GRANT NUMBER(s)
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	9 PERFORMING ORGANIZATION NAME AND ADDRESS	10 PROGRAM ELEMENT REGIECT TASK
İ	USAFETAC/OL-A	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
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	Scott AFB IL 62225	
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	18 SUPPLEMENTARY NOTES	
ı	10	
ı	*RUSSWO Daily temperature Atm	ospheric pressure
	Snowfall Extreme snow depth Extr	reme surface winds
	Climatology Sea-level pressure Psyc	chrometric summary
-	Surface Winds Extreme temperature Cei Relative humidity *Climatological data	ling versus visibility
	20 ABSTRACT (Centinue on reverse side if necessary and identify by block number)	(over)
	This report is a six-part statistical summary of sur	rface weather observations for
ı	Vance AFB, Enid, Oklahoma It contains the following parts: (A) Weather Condition	tana . Administrativ DI
١	It contains the following parts: (A) Weather Condit(B) Precipitation, Snowfall and Snow Depth (daily and Snow	mounts and extreme values):
١	(C) Surface winds; (D) Ceiling Versus Visibility; S	(v Cover: (E) Psychrometric
Į	Summaries (daily maximum and minimum temperatures, e	extreme maximum and minimum
1	temperatures, psychrometric summary of wet-bulb temp	perature depression versus
Į	dry-bulb temperature, means and standard deviations	
	DD 150RM 1473 UI	NCLASSIFIED

A ICLASSIETE

SECULATY CLASSIFICATION OF THIS PAGE(When Date Entered)

- 19. Percentage frequency of distribution tables
 Dry-bulb temperature versus wet-bulb temperature
 Cumulative percentage frequency of distribution tables
 - * Oklahoma

* Vance AFB OK

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE(When Date Entered

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAJE FREQUENCY OF ".O", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

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PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

IANUARY	APRIL	JULY	OCTOBER
TERUARY	MAY	AUGUST	NOVEMBER
ARCH	JUNE	SEPTEMBER	DECEMBER

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874-3700

1. Enid Field, Fnid, Okla. AAF Jan 42 Dec 43 N 36 20 W 097 50 1281 1290 24 2. Same same Jan 44 Jan 47 same same 1281 1293 24 3. Vance AFB, Okla. AFB Oct 48 Sep 49 N 36 21 W 097 55 1290 1287 24 4. Same same Oct 49 Mar 53 same same same same 24 5. Same same Apr 53 Mar 57 same same same same 24 6. Same same Apr 57 Mar 59 same same same same same 24 7. Same same Apr 59 Oct 60 same same same same same 24	TATION NO	CH SUMMARY	STATION NAME		LATITE	30	LONGITUDE	FIELD ELEV (FT) CALL S	IGN	WHO NUKUER
A THIS LOCATION LATITUDE LOCATION LATITUDE CONCINUAL COLUMN	1390	09	VANCE AFE OKLAHOMA/ENI)	N :	36 21	W 097 55	1307	К	FλD	
1. Enid Field, Fnid, Okla. AAF Jan 42 Dec 43 N 36 20 W 097 50 1281 1290 24	-		STATION LOCATION	A NC	ND IN	ISTRU	JMENT	ATION	HIST	ORY	
1. Enid Field, Fnid, Okla.	0F	·····	GEOGRAPHICAL LOCATION & NAME	l of l			LATITUDE	LONGITUDE .			OBS PER
2. Same Same Jan 44 Jan 47 Same Same 1281 1293 24 3. Vance AFB, Okla. AFB Oct 48 Sep 49 N 36 21 W 097 55 1290 1287 24 4. Same Same Oct 49 Mar 53 Same Sa	OCATION			STATION	FROM	10-	 		FIECO (FI)	mireanu.	DAY
3. Vance AFB, Okla. AFB Oct 48 Sep 49 N 36 21 N 097 55 1290 1287 24 4. Same	1.	Enid Fi	ield, Fnid, Okla.	AAF	Jan 42	Dec 43	N 36 20	W 097 50	1281	1290	24
4. Same Same Same Oct 49 Mar 53 Same Same Same Same Same 24 5. Same Same Apr 53 Mar 57 Same Same Same Same Same 24 6. Same Same Apr 57 Mar 59 Same Same Same Same 1307 1290 24 7. Same Same Apr 59 Oct 60 Same S	2.	Same		same	Jan 44	Jan 47	same	same	1281	1293	24
Same	3.	Vance A	AFB, Okla.	AFB	Oct 48	Sep 49	N 36 21	W 097 55	1290	1287	24
6. Same Same Apr 57 Mar 59 Same Same 1307 1290 24 7. Same Same Apr 59 Oct 60 Same Same Same Same 1287 24 8. Same Same Nov 60 DEC 74 Same S	4.	Same		same	Oct 49	Mar 53	same	same	same	same	24
7. Same	5.	Same		same	Apr 53	Mar 57	same	same	same	same	24
8. Same	6.	Same		same	Apr 57	Mar 59	same	same .	1307	1290	24
9. Same Selsyn ML-144 35ft Selsyn ML-144 35ft Selsyn ML-144 Selsyn Same	1	Same					same	same	same	1287	24(``
NUMBER OF OF LOCATION TYPE OF TYPE OF RECORDER CROWND 1. Jan 42 Locate SE corner of Bldg 81. Anemometer none 35ft 2. Sep. 43 Same Selsyn ML-144 35ft 3. Oct 48 Located on top of Base Operations same same 38ft Building. 4. Apr 53 Same same same same 5. Feb 59 Located 1850ft WSW of Weather AN/GMQ RO-2 13ft	8.	Same	•	same	Nov 60		same	Ì		1	10-18
OF CHANCE OF CHANCE LOCATION TYPE OF TRANSMITTER RECORDER TYPE OF TRANSMITTER RECORDER Anemometer none 35ft 3. Oct 48 Located on top of Base Operations same Building. Apr 53 Same	9.	Same		seme	Jan 75	Nov 75	same	same	same	same	24
OF CHANCE OF CHANCE LOCATION TYPE OF TRANSMITTER TYPE OF TRANSMITTER REMARKS. ADDITIONAL EQUIPMENT, OR REASON FOR CI REMARKS. ADD											
OF CHANCE OF CHANCE LOCATION TYPE OF TRANSMITTER TYPE OF TRANSMITTER REMARKS. ADDITIONAL EQUIPMENT, OR REASON FOR CI REMARKS. ADD	<u></u>	arte	CHDESICE WINI	COULDNENT	INFORMATION	<u> </u>	1			<u> </u>	
1. Jan 42 Locate SE corner of Bldg 81. Anemometer none 35ft 2. Sep.43 Same Selsyn ML-144 35ft 3. Oct 48 Located on top of Base Operations same same 38ft Building. 4. Apr 53 Same same same same 5. Feb 59 Located 1850ft WSW of Weather AN/GMQ RO-2 13ft	OF .	0F		Contracas	TYPE OF	TYPE OF	HT ABOVE	REMARKS, AD	DITIONAL EQUIP	MENT, OR REA	ISON FOR CHARGE
3. Oct 48 Located on top of Base Operations same same 38ft Building. 4. Apr 53 Same same same 5. Feb 59 Located 1850ft WSW of Weather AN/CMQ RO-2 13ft	1.	Jan 42	Locate SE corner of Bld	g 81.				1	·		
Building. Apr 53 Same same same 5. Feb 59 Located 1850ft WSW of Weather AN/CMQ RO-2 13ft	2.	Sep.43	Same	•	Selsy	n ML-1	44 35st				•
5. Feb 59 Located 1850ft WSW of Weather AN/GMQ RO-2 13ft	3.	Oct 48	Located on top of Base O	peratio	ns same	same	38ft				
	.4.	Apr 53	Same		same	same	same				
	5.	Feb 59		ather		RO-2	13ft		•	•	
USAFETAC FORM O-19 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. CONTINUED ON REVERSE SICE	ليسيا										T. Take

UNBER	DATE OF	SURFACE WIND EQUIPMENT INF	ORMATION			
UNBER OF LOCATION	OF CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
6.	Apr 68	Located 580ft from centerline of Rhwy 35C.	same	same	same	
7.	Jan 71	Same	AN/GMQ 20	RO-362	same	
8.	NOV 75	Same	same	same	same	
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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 and, which is usually only one occurrence. The various phenomena included in each category on the forms are led below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

WEATHER CONDITIONS

VANCE AFB OKLAHOMA/ENID

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OP DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	•1	3,8	1.4	4.3		9'.2	12.0	1,2	î.ï	įŠ	14.5	19969
FEB		.2	4.9	.9	3.9		9.4	14.3	1.7	•5	1.3	.17.4	17455
MAR		• 5	6.2	.3	2.6	•0	8.9	10.1	1.7	. 4	2,4	14.2	19018
AP R		1,6	6.6	•1	.2	•0	6,8	.6.0	1.4		1.8	9.0	18466
MAY		2.9	6.6		•0	•0	6.6	4,8	1.2		e4	6.3	18693
JUN		2.9	4.5			•0	455	2,7	1.0		e4	4.1	19084
JUL		2.2	3,6			•0	3.6	1,6	1.2		,ĭ	2,8	19502
AUG		2.1	3.6			•0	3,6	2,3	.1.2		.2	3,5	19988
SEP		1.4	-5.0			•0	5.0	4.9	.9		, 5	6.1	19155
ОСТ		.8	5.4		•0	•0	5.4	587	1.0		; 5	7.0	19555
NOV		,4	4:4	•1	i.1		5 , 5	'7';3	1.2.	٠ī	.5	9.0	19142.
DEC		,1	.4.3	1.2	2.4		77:7	12.5	Í.3	. 4	, • 5	14.6	18480
TOTALS	,,	1.3	4,9	.3	Ĩ.2	• • • 0	64	7. 0	1.3	٠ž	#8	9.0	228507

WEATHER CONDITIONS

AIR WEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTALS		,1	3,8	1.4	4,3		.9.2	ĩž.o	1.2	iáï	, š	14.5	19969
	21-23	,1	3,1	1,3	3,1		77.4	9.4	,9	•8	ī	10.9	1965
	18-20	•0	3,5	1.1	3.3		7,9	9'.6	1.9	.8	ۇ ن	12.6	2450
	15-17	.1	3.8	.9	4,5		8.8	10.4	1.7	ï.ż	1.0	14.1	292
	12-14	.1	3.7	1.2	5,6		10.0	11.8	1.4	1.4	1.2	15.4	295
	09-11		3,3	1,1	5.8		10.1	15.7	1.9	1.1	" 4	18.9	294
	06-08	•0	4,0	1,6	4:4	····	97.7	ï6.0	1.2	1.2	3 ن	18.2	275
	03-05	.1	4,9	1.7	4.6		10.9	12.6	.4	1.2	.ī	14.0	2220
JAN	00-02		4,3	2,1	3.0		9,0	10.7	.2	1.1		12.1	175
монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO, OF OBS.

USAFETAC $_{\rm XXY.64}^{\rm FORM}$ 0-10-5(OL A), previous editions of this form are obsolete

WEATHER CONDITIONS

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VANCE AFB UKLAHUMA/ENID STATION NAME

42-46,49-75

FEB MONTH

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	•3	.4,9	1,4	3.3		9.4	1466	Ìil	. • 3	1 #3	17.1	1530
	03-05	.3	5,3	1.2	3,5		9.6	15.6	. , 5	•3	. ;5	16.8	1932
	06~08	• 2	5.9	.8	4,3		10.6	ï962.	1.2	•8	<i>,</i> 5	21.2	2406
	09-11		5.1	. 8	ŝ,Î		10.7	18.2	242.	•7	1.0	21.8	2594
	12-14		.4.2	. 5	401		8.4	1372	2.5	.8	2,1	18.3	2595
	15-17	,1	4.4	.7	3,4		8.2	ĩ0.5	2.2	•8	2.0	15.2	2555
	18-20	,3	4,6	.8	·3.		8.7	10.5	1,9	•1	1.3	13.7	2150
	21-23	.4	5,1	.9	3.8		9.7	1272	ĩ vớ	, 2	1.4	15.4	1693
TOTALS		•2	4,9	•9	3,9		9,4	1443	1.7	•5	1 3	17.4	1745

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.9	'7.9	, 2	272	٠ĩ	10.2	9.9	.4	•2	2,0	12:4	1619
	03-05	. 5	7.1	.5	2.4		,959	ï2.0	.4	. 3	177	14.4	2076
	06-08	.4	6.4	•6	3,4		1000	16.8	1.9	.4	ĩ,ĩ	19.5	2630
·	09-11	•1	5.7	₇ 4	3.9	•6	9.6	13. 0	3.0	.5	1.9	1777°	2835
	12-14	,4	5.1	.1	3.0	·	8.1	8.1	2.5	. 4.	3,4	14.3	2821
	15-17	.3	5,7	•1	2.3	• ô	8.0	6.8	2.1	.4	4.3	13.4	2781
	18-20	•7	5,7	.2	1,8	· · · · · · · · · · · · · · · · · · ·	7,6	6,9	2.3	.3	2.4	11:7	2357
· · · · · · · · · · · · · · · · · · ·	21-23	.8	6.2	42	ĩ • ś		·7′.8	7:3	.8	.3	2.1	10.5	1899
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TOTALS		, ŝ	6,2	•3	ž.6	•0	8 ှ ရ	ĭ0.1	ĩ 47	-4	2,4	14.2	19018

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APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBSY TO VISION	TOTAL NO. OF OBS.
APR	00-02	:2,0	7.4	•2	.2		7.7	486	•4		.8	5:7	1622
	03-05	1.6	6.6		èż		6,7	872	•6		. +6	9.4	2053
	06-08	1,3	6.5		.3		-6.8	11.4	2.1		17	14.1	2547
	09-11	.5	67		•2		6,8	7.6	2.1		2.0	11.6	2720
	12-14	1.0	6.4		<u>.</u> ž	•ó	656	5.4	1.4		3.0	9.5	:2720
	15-17	1.4	6.1		ī		-6.1	-442	1.6		3.2	8.9	.268
	18-20	2.2	6.1		.0	. 	6.2	:3.4	1.3		2.6	7.3	:227
	21-23	.2 • 8	6.9	•2	•1	έŽ	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2.9	1.3		1,2	3.5	184
TOTALS		1.6	6:6	- i 1	σŽ	•0	6.8	٠ <u>٠</u> ٠٥	.1.4		Ĭ÷8	19.0	Ĭ846

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TOTALS		2.9	6.6		•0	•0	6.6	· 4 • 8	1.2			6.3	18693
								•					
	21-23	4,9	6,8				6.8	2.5	1.0		.ĭ	3.6	1925
	18-20	.3.7	6.0			•1	6.0	2.1	Ĩ,4		<u>.i</u>	3.6	2315
	15-17	.2.6	5,8			•0	5.8	2.1	. 8		.7	3.6	2592
	12-14	1.1	5.1				5,1	2:3	1.4		. 8	,464	2729
	09-11	.8	5.6			•0	5.6	447	1.8		•6	6.8	2730
	06-08	1.9	7.4		•0		7,5	11.5	1.9		, . ï	13.1	2572
	03-05	.3.2	777				777	8.6	.8		•1	9.5	:2071
MAY	00-02	5.1	8.1				8.1	4.5	.7		<i>,</i> 5	5.7	1659
монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.

USAFETAC $_{\rm JUY~64}^{\rm FORM}$ 0-10-5(OL A), previous editions of this form are obsolete

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WEATHER CONDITIONS

13909 VANCE AFB DKLAHDMA/ENID 42-46,49275 JUN STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS.

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.4.4	6.0				6,0	.2.8	.3.		3ن	3.4	1744
	03-05	4.3	6.6				6,6	-6.6	•6		÷2	77.2	:2091
	06-08	2,1	6.4				6.4	4777	2.1		ιż	9.2	2611
	09-11	1.4	3,3				3,3	2.3	1.4		įš	461	2765
	12-14	1.2	3.0				3.0	٠Ť	1.0		ίŤ	2.4	2765
	15-17	2,5	2,9			•1	2.9	.3	. 8		.7	1.8	2715
	18-20	3.6	3,8				3.8	• 5	Ĩ.2		žš	242	2366
	21-23	-3,7	4.1				-461	1.0	.8		,3	2.1	2027
TOTALS		2,9	4:5			•ò	4.5	:Ž:;7	î.ò		,4	4.1	19084

WEATHER CONDITIONS

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VANCE AFB OKLAHOMAZENIO

JUL MONTH

PERGENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.2,6	-3.1				3,1	• 7	•8		.i	1.5	1801
	03-05	3.6	5.1				5,1	4.2	1.2			5.2	2165
	06-08	1,7	5.0				5,0	5.1	2+4			7.1	2646
	09-11	1.2	4.2			İ	482	1.4	1.3		νÓ	2.6	2812
	12-14	.9	3.2			_	3,2	ιź	111			1.4	2813
	15-17	2.3	2,8			•1	·2.8	¿Ž	. 9		•4	1.5	2770
	18-20	.2.8	3,1			٠ï	3.1	.š	1.0		ĮŽ:	ĩáĩ	2418
	21-23	2.6	2.6				2.6	.3	1.0		ζŽ	1.5	2077
								,					
TOTALS		:2,2	3,6			•0	3,6	Ĩ.6	1.2		ίĪ	2.8	19502

WEATHER CONDITIONS

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VANCE AFB DKLAHDMA/ENID

42-46,49-75

YEARS

AUG MONTH

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUINDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	2.9	3.8				3.8	1.2	.2			1.4	1778
	03-05	2.8	4.3				4.3	3.5	.5		•⁺0	4.0	2201
	96-08	2.0	5.0				5.0	7.2	:2.7		. 1	9.5	2744
	09-11	1,1	3,8				3.8	:277	.1.6		3	.464.	2 93 0
	12:14	1,1	3.0				3.0	î.ž	1.4		. 2	2.6	2928
	15-17	.2,4	3.3			•0	:353	.8	173		.4	2.4	.2866
	18-20	:2,6	3.0				3.0	.8	1.2		. , 5	2.5	2470
	21-23	1,6	(2.6				2.6	.'7	, 5		<u>.i</u>	1.3	2071
									,				
TOTALS		2.1	3.6			•0	3.6	2.3	1.2		,2	3.5	19988

USAFETAC ARY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

WEATHER CONDITIONS

13909

VANCE AFB OKLAHOMA/ENIO

42-46,49-75

SEP HTHOM

STATION

PERGENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.7	3.8				3,8	3.4			,ĩ	3.5	1757
	03-05	:2.4	6.4				6.4	7.3	.5		•i	7.8	2134
	06-08	1.5	777				77.7	ĨŽ.8	2.3		<u>. 2</u>	14.6	2606
	09-11	.8	5,7				5.7	6.8	1.4		.4	8.4	2778
	12-14	•7	4.6				4.6	:3:0	1.3		1.2	3.3	279 0
	15-17	1.7	4.4				.4%4	1.8	.9		1.2	3.8	.2728
	18-20	1.5	3.8				3,8	1.9	.8		.6	3.4	2359
	21-23	1.1	3,6			•ó	3.6	1.8	.3		•0	Ž:2	2003
						•							
TOTALS		1.4	·5′.0			•ô	5.0	4,9	. <u>.</u>		, š	6.1	19155

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WEATHER CONDITIONS

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VANCE AFB OKLAHOMA/ENID

STATION NAME

42-46-48-70-72-75

MONTH

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTALS		, 8	5,4		•0	* 0	5,4	\$\$;; 7	1.0		. , 5	' 7 '•0	19555
								· ·					
							4.0	,341	• 1		. 63	3.5	2003
	21-23	1.0	3.9		.1		400	3.1	íi		. ,3		
	18-20	.9	4.6		.0		4.6	2.6	1.3		.3	4.1	2418
	15-17	- 6	5:0		.0	•0	550	i Š 70.	.ĭ.2:		. 9	5.0	2793
St. 2 122	12-14	3	× 469		o		-4.9	386	. z i j 2	The group we	1	****	· 2843
	09-11	•6	6,1		•0	• Õ	6,1	\6;7°	1.8	•	.7	8.8	2839
	06-08	•6				 	6.4	11.7	1.7	'n	î	12.8	2671
	03-05	1.1	6.4				6.4	9.1	3.		0	9.4	:2175
DCT	00-02	1,2	5.6			,ì	5.6	6.0	3		. ÷3	6.6	1813
MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VIJION	TOTAL NO. OF OBS.

WEATHER CONDITIONS

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VANCE AFB DKLAHOMA/ENID

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PERCENTAGE FREQUENCY OF DCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NDV	00-02	•6	4:7		ĩ.1		5,8	6,8	4.	٠Ž	î.	77.5	1711
	03-05	.5	494	•0	ï.ĭ		5.6	8.3	.3	•1	.2	8.8	2115
	05-08	,3	4.9	.3	ï,ï		6.0	10.6	1.5	٠ï	. 43	12.2	2596
	09-11	.4	5.6	.1	ï.2		676	·9:-7	2.1		įŝ	12.3	2824
	12-14	.1	445		.9		5,3	1646	1.9		1.3	9.6	2832
	15-17	,5	4.1		÷9		5.0	6.1	1.8	٠ī	ïiï	9.1	2796
	18-20	3	4.2	•1	1.0		5.2	5.6	.9	•1	3	7.0	2357
	21-23	, Ž	3,1	•1	1.3		4733	4.9	-,3	42	έŽ	5.6	1911
TOTALS		.4	464	•1	.ī.ĭ		555	/Ť.3	l'.ž	•1	ۇن	9.0	19142

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

WEATHER CONDITIONS

13909 STATION

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VANCE AFB OKLAHOMA/ENID

STATION NAME

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	•1	4.0	1,7	ì.7		7.4	12.1	.5	.4.	-6	13.6	1674
	03~05	.1	3,9	2.0	1.8		1777	13.9	.5	• ż	قۇر	1469	2027
	06-08	•2	4.2	1.5	2,6		8.1	15.9	1.8	.5	1	18.0	2533
	09-11	•i	4.3	1.1	2.9		77.9	15.8	2.1	.5	. 73	18.4	2758
	12-14	•1	4:7	.9	.3.0		872	ïĭ.7	1.7	•6.	8	14-4-	2769
	15-17	.1	4.7	.7	3.2		8.3	1068	1,8	4	,6	13.5	2708
	18-20	•1	.493	•9	:2.3		7:4	, ģ ģģ.	1.5	.4.	3ن	12.1	2197
	21-23	•1	4.3	.9	1.9	. <u></u>	649	10:2:	. 6	.4.	. 47	11.9	1814
			-										
TOTALS		.1	443	.1.2	2.4	-	'7'57	12:5	ì.3	.4.	. įš	14.6	18460

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of <u>days</u> rather than the <u>percentage of observations</u>. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentat is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
 - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
 - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

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13909 STATION	VANCE AFB OKLAHOMA/ENID	46-75 YEARS	ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	\$NOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NAL	DAILY	. 8	18.8	5,2	15.7		28.1	29.8	5.9	3.5		32.9	866
FEB		2.2	20.3	4.5	13.7	4	28.3	33. ĭ	7.5	2.5	1.1	36.4	761
MAR		5,1	24.0	1.6	10.2	1.0	29.7	28.1	10.5	1.2	1.0	32.5	816
APR		13.0	31.0	. 4	1.9	2.1	31.4	19.2	7.1			23.4	791
_MAY		20.6	36.5	·		1.7	36.4	20.5	6.9		1	23.2	825
JUN		23.3	32.5			a.6	32.0	13.9	5.4		5	16.6	820
JUL		18.4	28.4			6	27.6	10.1	3.6		.,	12.8	833
AUG		17.5	26.9				26.3	11.9	6.5		9	16.2	856
SEP		12.0							6.8			23.5	814
OCT		7.1				•7	21.7	17.9	5.6		1	20.0	842
NOV		2,5				,	19.3	20.0	4.0	1.0		. 1	830
DEC		1.1					23.0						306
TOTALS		10.3			4.7	, 7	27.5	20.9		· ·		24.1	9860

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS PORM ARE OBSOLETE

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART B

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PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and acqual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".O" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPETATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME I	Y.TI AC	PRECIPITATION	".00"	equals	none	for	the	month	(hundre	dths)
EXTREME I	DAILY	SNOWFALL	".0"	equals	none	for	the	month	(tenths	3)
EXTREME I	DAILY	SNOW DEPTH	"O"	equals	none	for	the	month	(whole	inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION end SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

NOTES:

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- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

U. S. Navy and National Weather Service (USWB)

Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 47	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF RESCRIPTIONS

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						AM	OUNTS (II	NCHES)						PERCENT		MON	HLY AMO	UNTS
PRECIP	NONE	TRACE	.01	.02-05	0610	.1125	.2650	.51-1.00	1.01-2 50	2.51-5 00	5 01-10.00	10.01-20 00	OVER 20 00		TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0 4	0 5-1.4	1.5-2 4	2.5.3 4	3.5.4.4	4 5-6 4	6.5 10.4	10 5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120	AMTS				
MAL	69.2	14,7	·3 • 1	.3.5	, '3*0	3,2	1.6	1,0	, 5					1641	1986	÷\$0	3525	ò
FEB	67.8	16,5	1,42	3,3	2.7	4.2		12.1	19					.1590	857	ĩ, ÓB	4.09	
MAR	69.5	13.1	.2.2	3,5	2.7	3,2	· :2; §	3.2	8					1844	924	1.000		• 0
APR	63.9	13,7	1.46	4 , 5	1.9	4.0	14.5	1341	2.0	. 2				:2274	:033	:2447		. 30
MAY	56.9	17.5	.2.3	·6 • O	3.2	349	14.0	Âý0	3.8	2	٠,٤			:25,7	416	3.76	5.95	1.91
אטנ	61.2	13.3	-1+1	4.9	3+1	4.7	4,3	441	13.61					:2545	¹Ÿ 3 Ť	33732	7.91	0
10r	67.0	12,3	1.7	3.0	2.7	4.1	3.7	, Ž , ,	:2.2	2	. 42			:2047	955	:2700	2.12	, ŏ
AUG	67.6	1243	.1.75	347	1.6	44	:279	9,6	:2:2	2				:2020	1973	2.36	6.76	1.0
SEP	67.1	112,2	.1.93	4,3	1.7	3,5	13.4	19,1	:2,5					:20%	430	2.99	,6.94	. •
ост	73.2	11.0	₹.	1,0	1,0	2.9	13/13	3 0	.1.9		. , , ,			1548	/\$ £ 2,	2.28	0.56	TRAC
ноч	76.7	·9 = 0	.1,0	3 47	1.9	:2,0	.1.75	127	1,3	. , 2			1	1443	1965	1443	4.72	12000
DEC	70.4	., <u>1, 2 </u>	1.0	:2,9	3.4	:2 43	:2,5	11.1						1464		, 8 8	2.65	TRAC
ANNUAL	67.5	13,4	147	.3.6	2.3	376	13/1	2.7	-1:0			í	CARPERE	1998	11228	86.00	X	×

त्राच्या । त्राच्या क्रिकेट विकास स्थापना । त्राच्या प्रमाणका स्थापना । त्राच्या । त्राच्या । त्राच्या । त्राच

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PREVIOUS EDITIONS OF THIS FORM, ARE OSSOLETE

DATAMEROCESSING BRANCH WHAP MEATHER SERVICE MAC

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

VANCE APRIOR LAHOMAZEMID

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YEARS

·\$4·MOUR AMOUNTS: TMITNCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
42	* 200	004	.004	2,51	. 53	1326	2.40	2.60	1.98	1328	113	1204	12560
.44 .43	.35 23	. 239	1,00	3.09	1,04	1,544	1.00	239	3277		2 680 TRACE	1,56	3 4 T
46	1.20	1,00	. J)	299	10	:2,87	1,56	(1,05	11503	, 94	
48	1:47	12:48	. .	. 250	1531	ïile	.246	. 255	· :2531	4.9	12.05	0.7	12.50
50 51	12	119	. 20	1119	1.70	1.28	1479	1,11	777	- 31 - 69	1001	201	
:52 :53	. 10	75	71		1,00	. 90	10	1,94		TRACE	0	1-07	
.54. :55		123	71	1,40	2119	2.0		1,45		, , ,	TRACE	TRACE	
156	, 04			1119	6.29	1,33				1004			
·58	35	29	1.03		129	12.7	1.42	1,30	2209		30	.,,,,	1.0
60·	*TRACE	TRACE	TRACO		2.09	1 2	2,71	2207			7146	107	* 2 2 2 * 3 2 3
62	* .66											30	
164 165	* .24	22	3.4		ភូមិ						1 2 .00 This		
.66 .67		.48	TRACE	1200	* \		1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			7.	TALE	10	
168	* .40	10	1 27	2229	1,35	1,30			2.91	1,0			****
70	* .07	1,49	01			1.0		1,00	2.5	7.00 13.50	100	1,72	10:205 3:200
MEAN													
\$. D.						, , , , ,		3	,				

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NOTE: : CRASEDHON: COPULLEMENTHES

USAF ÉTAC JORN 0-88 5 (OLI)

DATA PROCESSING BRANCH USAP PATACODE A AIR WEATHER SERVICE MAC

EXTREME VALUES PRECERTANTION

(FROM DAILY OBSERVATIONS)

13909 VANCE: AFB OKLAHOMAZENIO

42475

YEARS

:24-HOUR AMOUNTS TNEINCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
	* 1,19	36	, 05 ::2200	1,68	1.40	1.07	110	1.07	2,38	9,30	1 2 2 3	35 70	* 9430
74.	* 1,19 * 1,19 1,90	1,83	2.00 1.62 73	1,51	1.40 1.40 2.23	07	, 3 8	2012	3.51	111907		. 472:	13521
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								· ·	*	<u> </u>			· · · · · · · · · · · · · · · · · · ·
MEAN	,446	.,567	.633	1.049	1,413	1,474	1:211	11140	1,486	11119		,415	2 6 7 7 1
S. D.	.,450	. 572	,490	121	1 0 0 0 0 V	6774	15701	775	1.084	1,378		730	1 2 2 2
JUIAL OBS.	<u> </u>	. : U3 /	-924 -96 (8A	E A CAL	7 3 4 5	70/	A 477	777	: JY20	781	_ / FQ	700	****

USAF ETAC FORM 0-88-5 (OU)

(FROM DAILY OBSERVATIONS)

VANCE ARE OKLAHOMA/ENTO

ŢŒŢĄĻ MŊŊŢĦĻŸ PŖĠĊĬŖĬŤŔŤĬŒNº ĮN ĮNĢĦĠS

MONTH AR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост	NOV.	DEC.	ALL SHTMOM
	* .00	.00*	00	1.3737	, 95	4675	.33	5,88	15.73	:2,50	₹24	1,60	*25
43	.05	-64	. 65	1111		1000	,3:45	, 35A	165	1,13	.06	2.65	
44	.93	73	2.15	13939	1,88	3228	22968	2006	4.35		.4.72	:27.13	313
15	,55	175	2.45	4510	1,05	2.09	3777	1346	15255	138	TRACE	14	.27
6	1:29	.1.85	· · · [:	* 388	1,01	220	2694	2750	12701	2.15	1112	• • •
17	1.32								• • • •	• •	• • •		
+8		- 1	1		l ., i			l	.:		13271	,13	
9	5.25	-4.09	1:43	2,33	·3.00	2,64	1,39	,99	-3499	:2756	TRACE	198	30
50	+45	35	.28	,33	3527	2755	12:12	3,85	1:20	31		,00	:27
11	,53	2.35	1.22	3334	6,79	7,63	2.53	.78	3.05	13796	2,09	201	.34
32	+65	798	1.88	2,37	:2:10	1.23	23	4447	.45	TRACE	.1.00	1,09	.27
13	111	1,49	1,73	1395	2774	4.06	3.36	2.10	. 275	1340	.I.at	1227	:26
5.4	.50	731	- 392	:2,80	:5:27	1:06	. 19	-4930	42	11/11	TRACE	734	. 17
55	.83	1,63	195	1,00	12772	5.24	:2.00	1374	* ,4445	13295	115	YRACE	j 3 5
6	. 10	.1.48	,71	5.47	1.99	:27 12	79	1.48	34	1111		330	:13
5.7	.99	1117	3.36	5.47	15295	7.31	13.56	37	4114	1251	2 000	123	3 4 8
58	.73	. 32	3.54	1,40	35	34.281	13114	14424	.,,,,	7.33	9 8		:22
) Š	232	331	1.20	:2388	:5229	12.57	1:09	1228	.4363	/7.11	111	15.00	311
0	.1.60	13,05	1:52		15:36	2 12	6,73	14376	2339	>4 200	TRACE	119	(8.56)
51	*TRACE		TRACE	. Jös			中的基础合作	* :325a		3,00		1203	*20
12	* 1,52	130		11199	4.	.5,79	24.04		13.61	10 P 1		1.40	
53	* 14	. 3894	1 3 3 7	k: 1567	*a1233	4.4114	10.45	25.07	2500	>2.236		- 23	****
54.	* 24	34	.40	Þ) . 446	B 55%	1 4 3	8 d 7		1.19	. 25	17 F	* . 12	
5	* 39	177	46		133		. 70	355		131	PRACE		
6	68		TRACE	.1201		1 291	1.00	2:16			TRACE	- 33	+10
\$7	* . 13		20		· 625	3225	3327 B	1523	2225	399			414
8	+ .49		.36	2.44	*:3,52	1256	1:44	16:00	93	1141	44.17	1,1,42	413
	+ .49	. اشمید (1: 3 3 4 4	3719	*-5,62			13530	1.4649	1771		e i jõi	**11
	* 114	10	2.49	3.20	.1,34	1.77	1:2531	2293	1.4411		909		:422
	* 1111		-001	.1394		11111	*:2440		*4342	346		1.92	¥ŽŽ.
MEAN			~ - 17				77.7	17.					
S. D.		—— <u>†</u>					 			• • • • • • • • • • • • • • • • • • • •	<u> </u>	——————————————————————————————————————	
AL OBS.												50	
	<u> </u>	NOTE.	B. CRA	SHO ON	::C::FUL	LHONT	uet.	<u> </u>	; -	<u> </u>			

DATA/PROCESSING BRANCH UBAR/ETACYOL A ATROHEATHER: SERVICE/MAC

EXTENSE VALUES HONTHLY PRECIPITATION

(FROM	DAILY	OBSERVA'	TIONS

139091 VANCE AFB ICKLAHOMAZENSO

TOTAL MONTHLY PRECIRITATION IN INCHES

OTAL.OBS.	7986	1057	724	: 1873	:< \\ \frac{1}{2} \text{Or} \\ \frac{1}{2} \	1737	17.5	773	. 7730	781	746	1930	21122
S. D.	1,080	.,,,,,	1.742	1,782	3,565	1300	22300	17795	:2:346	"2:191	11:514	,704	16,11
MEAN	.879	1.053	17792	2,472	13,756	3,334	2;802	227 35 7 1770 1770	2,789	27301	11.425	.879	26,60 10,11 2,122
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75	2.82	. 5.33	3.26		7.03	3.27	1.60	3/37	6.40	14.27	13.68	7,73	# # # T # T
74	* 3.30	2,39	3.26	3.52	# 2.82 # 1.64 5.74	2.12	4:3,16 4:36,27 .1,17	3337	6 4 8	*10425	3.68	1,98	*41.0
	* .28	.54	09 8.61	13707	2.82	2,74	4:3,16	2,99	1,35	4.4.34	4.2,094 4.2,394	1,05	*49.0
EAR	JAN.	FEB.	MAR.	APR.	ŴAY	JUN,	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS

25.2 با مقد فرد با الاختيار كان با الاختيار كي الاستخداد و المعلق في فرد كيفة في الاختيار كي الله والمستخدم و المعادد و المع

USAF ETAC FORM: 0-88-5 (OLI)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

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VANCE: AFB OKLAHOMAZENIO

46-75

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						AM	וו) צזאעס	NCHES)						PERCENT		MONTHLY AMOUNTS			
PRECIP.	NONE	TRACE	.01	.02- 05	.06-10	.1125	.2650	.51-1 00	1 01-2.50	2.51-5 00	5 01-10 00	10.01-20 00	OVER 20 00	OF BANK TOTAL		(INCHES)			
SNOWFALL	NONE	TRACE	01-04	0.5-1.4	1.5-2 4	2 5-3.4	3.5.4 4	4.5-6.4	6 5-10.4	10 5-15 4	15.5-25.4	25 5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST	
SNOW- DEPTH	NONE	TRACE	1	2	3	4.6	7.12	13-24	25.36	37-48	49-60	61-120	OVER 120	AMTS					
JAN	·87 • 3	rijij	:\$47	:2,1	1.2	. 43	, , 1	. 46	į į				•	7.0	167	3.0	17.4	.	
FEB	·8ĕ €.0	7.9	.1 /8	.1.47	9	. • 8	لآني ،	ı ý3	ڋۼ					451	'Ť ŠŤ	:399	.39°7) له :	
MAR	8945	-657	7 4 6	• •	. • 5	ý	- 42	2 و .						15 4 6	ijį	ï.	îşî,	. 🦸	
APR	98.1	1.5	· • 1	۰Ĭ		٠٠١									791	įž	34 2	انٍ .	
MAY .	100+0														:ážė	0	. 40	انع ،	
אטנ '	700 ÷0												·		480	÷ő	- ę Ó		
JUL .	¥00 • 0														:ěžž	0	٥٠٠		
AUG .	100.0														1926	0 پ		آهٔ ،	
SZP '-	ğ0040														ı ŠŠ	įõ	Öţ.		
ост	199.48	, ∳ Ž												•	.057	TRACE	RĄĞĖ		
ноч	194.2	.3.9	. 67	ءَ ہُ ج	٠٠٠	. , į 1	. 42					į		· ĭ þ	:839	. ; į	13.4.		
DEC	18848	1749	• • ?	1,4	٠ 🍎	ؠٞٙؽؘ۪	: , , 1							1375	i ĝo ĝ	Ĩ,			
ANNUAL	19409	.3.2	. , 6	5 ۽ .		. i	. , , 1	1						ĨijĠ	19872	. Tovo		\times	

1210 WS JUL 44 0;15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH UBAPARTACYDL A. AIR WEATHER SERVICE/HAC

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

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VANCE: AFB OKLAHOMA FENTO

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#4-HOUR AMOUNTS INLINGHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV,	DEC.	ALL MONTHS
.46 .47	TRACE	1,2			* •0	٠٠٥	0 پُ	éΟ	. • 0	. • 0	TRACE	TRACE	
.48 .49	.5.9	TRACE	4	TRACE	• 0	0	0 هُ		0	0	373	TRACE	:5 k9
250 251	1.0	TRACE			.0	0	0	0	. 0	TRACE	TRACE		230
·52 ·53	3.6	·555	TRACE	•0	.0	0	0	.0	0	•0	2.0	TRACE	3525 226
154 155	1.2	TRACE		0	0		. 0	0	.0	0	1.5	TRACE	112
·56 ·57	.2	3.8	3	TRACE	. 0	0	, 0	.0	0	TRÁCE	Tráce	TRACE	1361
·58	2.0	:2:1	3.0	TRÁCE	0	••0	0	0	. 0	.00	, 4	TRACE	1461 1360
,60 ,61	* 1.6	15.9	TRACE	0	71	0	0		. 0		TRACE	TAACE * 2.0	** :230
62.	* SACE	FTRACE FTRACE	• 0	1 7.5	•0	0	20		. 0			100	# 1630 # 1520
165	*TRACE	TAACO	TRACE	. 50		. 0	0	. 0	0	. 0	TRACE	1.0	
.66 .67	# :2.8 # 1.0	: 2 3	TRÁČE	0 ĝ. 0 ĝ.	0	0) O	´ (ji)	0	و ټو نا اونۍ	TRACE	: 200	* 120
,68 ,69	#TRACE	2.0	2,2	0	•	.0		0	0	. 0			122
/70 /71	TRACE	TRACE	6,0	.1.0	0	- ¢ 0		. 0	. 0	- j 0		TRACE	14: A
72. :13.	* 2.0	· 13/3	0		. 20	, , Q	0						
74 275	·\$: ,\$ }	8.0) نِي. ان د	0	.00	50	.0	. 0	0ء . 0ء .		. iğiŢ	15.
MEAN	.1,77	12500	1.00	50	, 60	00			,00	TARE			3,4
S. D.	.22347	42 9363 1757	* 1 / 7 7 7 3	<u> ;037</u>	000		(**00Q		-00g		.33340	12407	787

USAF ETAC FORM 0-88-5 (OU)

DATA PROGESSING BRANCH UBAPZETACZOL A AIR WEATHER SERVICE/MAC

EXTREME VALUES HONTHLY SNOWEXLL

(FROM DAILY OBSERVATIONS)

\$3909 VANCE AFB OKLAHOMA FINID

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

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TRACI TRACI TRACI	2 2 0 1 TRACE 6 TRACE E 1 4 4 6 4 7 6 4	TRACE	00000	00000	000	0.0	000	TRACE	TRAGE	.2 .6	18
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TRACI TRACI	TRACE TRACE TRACE TRACE	7RACE	0000	•0 •0	.0	0	06	• 0	. 33	2,1	- 86
TRÁCI TŘÁCI	6 TRACE E 1,4 2 6 4 7,4	O O TRACE TRACE	0	•0	0	0	- 0			261	3.84
TRACI	E 1.4 2 .6 4 7.4	TRACE	0	• O	0					الباسمة فيسسيا	200
TRĂCI	E 144 2 6 4 744	TRACE TRACE	0	. 1	30		74	, O	220	TRACE	- 1
9	2 6 4 7 4	TRACE	.0	· • Oi		, O	- 50	•0	, <u>;</u> 0	27	4
	4 764	TRACE	إباؤ			0	0	- 50	142	TRACE	
:26	7,4		.0	• 0	Q	0	0	70 Å	Ť.	LANCE.	
1.5	1 1 1 2 2	0	:0	•0				TRACE	TRACE	8:5	- (3)
	6 320	1 97 1		0	.0	0	0	0		TRACE	
105		0	.0	• 0	30	20	.0		FTRACE	PRACE	*: 18
	OFTRACE			Ò						2.0	* 2
TRAC	20:			0	.01		·				:#:.33
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* 15	3 116			0	.0	.0	· . 30	.0	•> 130	• 0	:#i 🍇
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3	7 2.1	0 ہِ .	•0	. 00	. 0	.0	, 30	0 و .	. 777		""
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	1 11	Ť						TRACE		1.50	19.6
-								2000	1:174	122084	
2.1	7 777	791						837	129	806	793
J.	2.8 2.8 3.82 73	. X 21 85#/3	13,7 3,1 00 2,80 1,63 ,10 3,826 ,938 ,637 757 ,616 ,791	3 426 1.63 .16 .000 757 336 .791 826	19:7 9:3: 00 :00 :00 2:86 1:68 :16 :00 :00 3:826 :955 :037 :000 :000 757 :016 :791 :826 :880	13.7 3.3 0 .0 .0 .00 .00 .00 .00 .00 .00 .00	37.7 953 00 50 50 50 50 2.86 1.63 114 000 000 000 000 3.824 988 007 000 000 000 000 757 316 771 826 820 833 856	2, 86 1, 68 , 10 , 00 , 00 , 00 , 00 , 00 , 00 , 0	2, 86 1, 68 , 60 , 60 , 600 ,	2, 16 1.68 .16 .00 .00 .00 .00 .00 TRACE .76 3.826 .998 .697 .000 .000 .000 .000 .000 12376 757 .016 .791 .820 .830 .838 .856 .814 .857 .829	2, 36 1.68 .16 .00 .00 .00 .00 .00 TAACE .7.6 1.50 3.824 .955 .637 .000 .000 .000 .000 .000 .2376 2.084 757 .016 .791 .820 .830 .839 .856 .834 .857 .829 .806

USAF ETAC: FORM, 0.88-5 (OU),

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DATA PROCESSING BRANCH USAF HTAC: AIR HEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE-FREQUENCY OF

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VANCE: AFB OKLAHOMA/ENIO

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YEAR

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						AM	OUNTS (II	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP.	NONE	TRACE	01	.02- 05	.06-10	.11-,25	.26- 50	.51-1.00	1 01-2.50	. \$1 5.00	5 01-10 00	10 01-20 00	OVER 20 00	OF DAYS	TOTAL NO.		(INCHES)	
NOWFALL	NONE	TRACE	01-04	0.5.1.4	1.5-2.4	2 5.3 4	3.5.4.4	4.5-6 4	6.5.10 4	10 5-15.4	15.5-25 4	25.5.50.4	OVER 50.4	MEASUR- ABLE	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4.6	7.12	13-24	25-36	37-48	49-60	61-120	OVER 120	AMTS				,
JAN.	79,3	.8 . 5	5.2	2.6	1,7	,5 4 ¥	. , •3							. <u>1</u> 222	1980			-
FEB	186.4	16 - 1	.275	1,48	1,32	lè¢								1773	ijġį		:	
MAR	.93 43	3.0	1,4	÷9	• 6	. , 9			,					3,7	1936			
APR	99.6	3 ب	• 1				,		.:					Į	, • <u>1.1</u>			
MAY	100.0														910			
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JUL '	\$00 . 0														1997			
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ост :	100÷0														1949		,	,
уои	19619	5.0	. , 5	. 94	١٠, ١	; • • <u>•</u> 1								Ĩ,	1954			٠.
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1210 WS JUL 44 0-15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OSSOLET

DATA PROCESSING BRANCH DEAPHETAENUL A ATRIMEATHER SERVICE/HAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

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VANCE ARB OKLAHOMAZENIO

DAILY SNOW DERTHIEN LINGHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	. AUS	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
·42 ·43	* :0			10	0	òó	ÓÖ	Ô	0.0	O,	TRACE		54
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·48	5. 56	1	TRACE	, 0	Ó	, O	;0	0	. 0	۱۰. ، o ور	;3 (0	0 :2:	16
50 51	TRACE	.0 6	.0	·	0	ÓÒ	'Q	Ó	,0 0,	Ŏ.	10	TRACE	,
/32. :53	.1	:3 :2	TRACE	TRACE	·O	ÖÖ	1 .	Ŏ,Ö	ì0		TRACE	2	1.
:54 :55	1	TRACE	1	, (0	Ô	, O	10	ÓÓ	0	ÖÖ	19	1) 1
156 157 (/	TRACE		TRACE	TRAGE	Ô		J O	Ö.Ö		Ģ	10	TRACE	ž &
15 8 77 5 9	. 1 . 4	.2 :2	:2) () ()	·Š	<u>ن</u> 0،	30	ŐÖ	10 10	Q.O	TRACE	•	r y
.60 .5\$		PTRACE	Ú - 10) (* 10	* : •	No sõ		, j	; 'O	B ' 0	• • • •	a î	1 3∰1 7 ₂
.62. 63.	* TRACE		10	♦ • 10	Q 0	#3 .0 #: .0	## 10	0	0		* > }@	• •	1 ∰ 3 1} 1∰1 5
364. 365.	* 3	<u> :2</u>	TRACE	10	* ; (*	٥٠) (2)	0	é : ;0	9	•	Ú : Ö	
	* .	\$ ≒્ 11		; ;	* : :0	10	•:)0 •: :0		6 : 1 0	9	•)0 •	1	
108 (109)	PTRACE	7	***		∳¹ 0	. 0	0	0	0.0		• 10	i Î	: # 2
	*	10	(0) , ,0	e: Q e: C	,0)))		0		PRACE		: ∳ : }
MEAN S. D.			1			- 47.							
TOTAL OBS.	لــــنـــا	NOTE	2 A & B A		14.5 116	1	1.6	L	لسبسا			L	ــــــ حا

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NOTE : SASED ON COMPLEHONTHS

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING BRANCH USAFZETÄCZDLIA AIR WEATHER SERVICEZMAC

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EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

VANCE: AFB OKLANDMA/ENTO

42573

YEARS

DAŢĻY ŠŅOŅ DRPTHE INCHAS

MONTH	JAN		FER.	MAR		APR.	MAY	,	UN.	JUL.	AUG.	SEP.	ост.	NOV,		EC.	WOHTH	
73	* *	.2	k (5	3	00	;0 .1		0	Ċ	i: 10	0	∳ 2 √ ∳ 2 3() 1 1	04	2 4 20 4	· .	:#* :#:	i,
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MEAN		1:8	2,64	1	14	;î†i	.00	a	.060 .060	-000 957	0	- E	,00	d		1:3	. (در -	3
5. D.	1.0	765	2766	1.1.6	34	117	•00	O.	.00a	÷000	• 000 • 000	.00	00,00	g 111	48 12	\$ 13 929	20	0
TOTAL OBS.]]	980	86	• • •	34:	911		8	.1940:	3957	780	393	390	97 79	4	929	.11	a!

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USAF ETAC FORM 0-88-5 (OU)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

MOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

WATER TO THE PARTY OF THE PARTY

DATA PROCESSING BRANCH URAFINETACIOL A AIR HRATHER SERVICE/HAC

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EXTREME VALUES

(FROM DAILY OBSERVATIONS)

YEARS

12909 VANCE AFE OKLAHOMA/ENID

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB		MAR	ı.	APR	ι.	~	AY.		JUN	٠.	JL	JL.	AL	IG.	` sı	EP.	c	ст.	NO	ov.	1	DEC.		ALL	s
·45 ·46	NNE 4	NW .	40							N		5 A	ÙNL	.22	SSÈ	_ i6	NNS	.384	w Z	i37	MML	.44	ė.	4	•		
47	WSH 4	9	-1-54							Ť			*****			·			-		***		NW				
·49	NNE 44	Ne du	4.3	INW#	4.0		_	NN	1,40	-		40	M.	10	NHE	::20	UNU	.4.	La.	179	MNW	. 4.6	54.	1 4			
50	SSW :			40.	71	uw.	47		. S	100		56		7 4	NNK	.48	285	4			E	X		2.7		ÈSE	.54
	55443	ANNE		N	7	ŠW –	ŽÁ	5	:			7	JN.		NW	.40	5 5 X		NN	41	REL	. 3	MHI	1.4	5	WEW	17
.3.	55× 4	ONW	60		1	NNW.		ES:			W,	\$ 5	Ň	,41	Dec . 3 **	47			NN						4	WŠW	,5
153			31		40	N.	11	ŤΤ		ON.	-£3	16	NNE	172	13.8	1.48	216	3.5	NN	1 2 2	477	;3(NH	1.3	6	N'	-61
·\$4·		MINW:	*1	ÌŠΝ.	À	ÉW.	. ŽÕ		1,3		W.,	ìì	MAK	:3	13V	531	SSH	١	NE.	43	ŠŠĒ			ì.Š	Ì	ŠSW	, ŠÎ
- \ 5			43	NED	4.9	INN	48	331	1.55	ON	11 ,	34	3	72	HNW	1127	UNI	13	NN:	1.45	N	•	SN:	- 4	6	NW	6
-56	WNW S	9NW	53	NNW.	4	552	34	331	1 2	9Ñ		29	MSW	Š	EEF	1.49	NNH	134	36	.47	NW.		NN		7	ÈšÈ	3
,57	5. 4	2N	42	WIN	48		.49			ON	4	35	KK	57	NNN	135	MNH	>4	HH	1:45	NNW	-4	MN	104	5	E	6
· 58	NNW -	TNNW	30	ĬÑW.	ÓĈ	Ň	٩	S.	,	S NI	W.	41	ÑĒ.	50		.12	NNE		ŇΝ	Ì;,Šĩ	N ₂	. 5	NN	11.3	7	W	- 5
.59		AWSH .			43	N	48	5 .	-, -	CINI	M)	99	FBE	1:33	SSE		NE:		INN	1143	N	739	MSI	1.4	6	NNW	-41
<u>،60</u>	HNW .	9	43	inh.	À	NW:	·41	NH	,4	IN	15 ,	41	N:_	17	HNE	i.34	MNH	13	NX	1450	<u> </u>		Ľ.,				•
-61		1			•		-X							,		•			T								
<u>,62</u>								! !											L.		<u></u>		<u>L</u>				
163	8						,	8.	**3	0							N ·	*3	S	433		_			ĺ		
164								<u> </u>											<u> </u>		L						
45			Ţ,				ş					i			1		i				NW:	*2	5.				
:66	K: WNW	45	37	HHH			4		1.4	BN:			NH:	.39	WSH	1740	MNS	<u></u>	N_	-44	SIN	>4	SH	<u>••</u>	2	NNH	
.67	9 11 11 1		-45		-36	-	10.3	ŞN	- 13	쇒		2	N.	:27		:33	N.	:01		i 3 3	Ŋ.,	-39	MMM	ļi 🦠	2	\$:	∍ (*
468	N 3	SN TO	42	<u>. </u>	11	<u> </u>	39	5.	24	7,5	ن کا کا	40	34/	-	12/	. 34		4		1350	91/	>4	39	1.4	5	33/	<u>. 5</u> (
109	36/ 4	372/	7	? ! //	27			12					N	030	1.5		2	ذغد .	180	23	11	· 2		, ?		337	
70	22/)	7307	70	10/	77	3/	.53	17	4:4	₽	7.	1	10/		33/	4/8		ΣX	4		32/	-3	TH.	1.4	0	35/	1
11			77	77/,	20	221,	, Per	H	7, NO.	雅			3 57	117				.2 7	12 -	وقرار	12 23.	- 2		, ·· }	1	337	3
172	1/,4	217/	-33	11/	77	34/,	ᆛ	ĮĮ.	<u></u>	72	P/	묏	201	وف	P./	4.00	15/	-37	保具		77/	.33	2		3	<u> 367</u>	, 10(
7	35/	200	75	17/	173		77	47		캀	ξ,		2/	0	政制	وروند.				.654		4	11.	1.4		28/	
	36/ 3	304/	2	77/	1.	27/	191	£0.	12	1		70	3 5/	192	E! /	1374	23/	4.4	12		22/	. 3	10.0		0	347	.٠٦
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\$. D.	<u> </u>											٠	ļ		<u> </u>		 		 		 		-		-#		
TOTAL OBS.	Ä	٠						L_									<u> </u>				<u>L</u>		<u> </u>				

USAF ETAC JON 0-88-5 (OLI) HOTES TO BASED ON CONTRACT HONTHS AND 100 KNOTS

DATA PROCESSING	BRANCH
USAFAETAC/OL A AIR WEATHER SER!	\ÎĞE\HĀĞ

EXTREME VALUES SURFAÇE: WINDS:

(FROM DAILY OBSERVATIONS)

13909 VANCE: AFB OKLAHOMA/ENID

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DAIĻY REAK GUSŤŠ: INKKŅŪŤS:

MONTH	JAN.	FCB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
75	1/ 53	1/ 10	14/.40	14/,47	227 46	564,152	18/39	; <u>1</u> / :33	17.40	29/ 35	177 ·50		
							-						
~						 							,
						<u> </u>							 ;
				•	•								
			 				,						
													
							,						
MEAN	.41.4	,43,5	4372	14647	-45.4	24850	4827	4060	,41 i l	-61.9	141.68	****	387
S. D	4 2 8 AA	52351	6220	62345		A 17 19 19 1	N 12299	2002	142244	1" 0271 A	1.42 TEE	A 2 TABLE	-8111

USAF ETAC FORM Q-88-5 (OLI)

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NOTES TO COASED FOR KIPOCCH HORTHS AND ELGORKHOTS)

A STATE OF THE PARTY OF THE PAR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.3909 STATION	VANCE AFB OKLAHOMA/ENID	.42675		ALL
STATION	" STATION NAME		YEARS	MONTH
		ALL: WEATHER		ALL
		CLASS		HOURS (L.S.T.)
		CONDITION		
		5413.1104		

			31.6		7.1							-000	
CALM												6.6	
VARBL	***							aU				7991	
NNW		8 .	1.4	1.7	". .		- 0	0				3.2	10 11
NW	-4	.6.	9		- 44			.0					
WNW			. 8	, ,	12		0		0			2.6	29
W2M	-3	27					0	0				2.6	7
sw wsw		. 8	1:3	1.0	. 3			0				2.0	
SSW	-4		3.0	3-4	1.3	<u>#</u>	- 0	0				9.6	11
	1.0	2,5	5,4.				ن0 نو					16-6	_10
5	9	2.4	4.3	5.5	1.7			<u></u>		1 411 -		11,42	. 9
SSE	- 9	2.2	3.0	2.9	╼╼╼╒			<u>, 0</u> .		1 14		7.4	<u>'7</u>
SE	.8	1.5	1.7	- 5	0	0	0					4.5	6
ESE	.8	1:3	1:5		- 0	<u>, , o</u>	- 0					4.0	.6
E	5	1.0	1.4	- +0		0						375	• 7
HE ENE	5	150	1.6	- 9	.2		•0	-0				463	
NNE	5	140	109	1.6	4.0		0					5.5	9
N	6	1.2	2.1	2.2	9							7.3	-11
SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS

228083

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

VANC	E AFB	KLAHOM	A/E"TL			42	47,49	73	EARS			<u></u>	AN
	_				ALL: WE	ATHER						A,	(L.S.T.)
	-				сом	DITION							
SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 8	1,5	3.2	3.7	1.8	8	.1	.0				12.0	12.
NNE	.5	1.2	2.4	2.5	1.0	.3	•0					8.0	10.
NE	, 5	19	1.3	• 8	. 2.							377	8,
ENE	•4	.9	9	3	.0	40.						2.6	.6.
E	.7	. 8	. 9	2	.0	•0						2.6	6.
ESE	.5	.9	9	•1	.0							2.5	6.
SE	47	1.6	1.8	;5	. 0							4.61	.6.
SSE	.7	1.7	3.2	1.8		.0						7.6	8.
S	1.0	2-6	-4-1	.3.9	1.2.	5	0					13.3	10.
\$\$W	.6	1.1	2.5	2.4	111	- 64.	· ··C					8-0	11.
sw	. 5	. 9	1.6	. 9	233	.1		0				444.	9,
WSW	5	.7	• 7	5	. 2	-0.						2.5	8.
*	. 8	1.2	1.0	.5	. 1	.0	P O	. C				3.8	7.
WNW	-6	.9	1.2	45	2	i	. 0	.0				3.5	
NW	9	1.2	1.3	1.1	.5	2	.0	.0				512.	9,
NNW	5	1.8	2.0	:2.5.	1.4			.0				8.0	12.
VARBL													
CALM			$\geq <$	$\geq <$	$\geq \leq$	> <	>	>	$\geq \leq$		$\geq \leq$	7.9	
	10.2	19.0	29.0	2222	8.2	,3 <u>,</u> 1	4	î				100.0	9.

13909

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

VANC	E AFB 0	KLAHOM	A/ENID	<u> </u>		42	46,49-	75	EARS			_ 	EB
					ALL. WE	ATHER						.A	ÜL
					CL	A8\$						NOVRS	(L.S.T.
					COR	DITION							
SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	ME/ WIN
DIR.										<u> </u>			SPE
N	•6	.1.5	2,9	3.9	1.7	6	•1					11.2	.12
NNE	,5	1.2	2.3	2.3	,7	2.	0					7.2:	10
NE	*4	1.1	1.7	1.2.	,1	.0		.0		<u> </u>		447	
ENE	.5	• 9	1.1	5.	.0	.0				L		3.0	, •
Ε	, 5	1:1	1.6	. 3	.0							3,4	
ESE	-4	1.2	1.4	4	•0							3,6	
SE	45	1.6	2.3	8	1	0	٥٠.					5.4	./*
SSE	,5	1.6	33.1	2.1	. 6	1	٥٠.					7,9	,,,
S	-5	1.8	442	.3.8	.1.3	<i>i</i> 3	.0			,		11.9	10
ssw	•3	9	2.4	:2:3	1,3	, 5	1					7.8	1
sw	.3.	.7	1.2	9	.2	0						3.3	
WSW	_,3	•6	1.0	.5	.1	*O·	0				· .	2.5	
W	4	9	1.0	3.	1	1	.0					2.8	, ,
WNW	-4	. 8	. 9.	6		.2	1	.0				375	1
NW	4	. 9	1.2.	.1.2.	5	2.	.0	0		!		4.5	1
NNW	.5	1.2	2.3	3.2	1.8	8	1	.0			t	9.8	1
VARBL					-								
CALM	><	$\geq <$	\times	> <	\times	\times	\times	\times	\geq	\geq	$\geq \leq$	7.4	
	7.1	17,9	30,4	24.3	9,1	3.1	6	, i				100.0	. 9
										MBER OF OBS	SERVATIONS		Ĩ7

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATION	. RAME			· ~		•	LAFS				IONIN
					ALL WE	ATHER						HOURS	LL.
	_				CON	MOITIC							
	_												
- 1										 		1	
SPEED (KNTS)	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MI W
DIR.		7.0					20 - 00	04 - 40	4, -4,	10.133		1 7	SP
N	•4	1.1	2.6	13.4	1.5	.7	.1	.0				9.9	1
NNE	-3	. 9	2.3	2.3	6	.2	0					6.7	1
NE	3	1.0	1.7	1.4.	. 3	1	. 0					5.0	7.1
ENE	£ ;	111	1.8	1.1	2.							4.6	
Ε	5	1.5	1.9	6	•0							4-6	•
ESE	.5	1.4	2.0	5	.1	.0				i		4.5	
SE	. 5	1.3	2.7	1.2.	2	<u>.1</u>						6.0	
SSE	.5	1.4	2.7	2.8	1.0	-3	1	.0.				8.9	1
S	-4	1.4.	2.8	3.9	.272	. 0	1	.0				11:5	1
ssw	:2	.47	231	.2.5.	1.4	64	0.	0				7:5	1
sw	<u></u>	.5	1.1	9,	3	11	.0					3.2	1
wsw	2		.6		3	2	0	.0				2.3	. 1
w	5	. 8	7		, Ž		•0					2.9	•
WNW	1.2	8	. 1.0	ور.	.6		1	0			pt-	4-0	-1
NW	.2	-6.	1.1	1.5	. 8	-,4.	.2	.0			, ,	4.8	. 1
NNW	. 3	9	1.7	2.8	2.0		2	.0.				8.7	
VARBL									.,			1	_ -
CALM	><	$\supset \subset$	> <	> <	>	$\overline{}$	> <	> <	> <	$\supset \subset$		5.1	
	5.7	19.8	20.1	26.7	Ĭ1.6	5.0	وَرُ	. ;			, , , , , , , , , , , , , , , , , , ,	100-0	i

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB	OKLAHON	A/ÉNIC)			45,49	75	(EADS				PR
********						ALL: WE	ATHER						A	LL. 5 (L.S.T.)
						сом	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N		111	2.1	2.8	1.1	.3	•0					7.9	11.4
	NNE	-4		1,6	1.7	*4	.1				1		5.0	10.2
	NE	.6		1.9	1.3	-4	.0			i	1		5.3	9.2
	ENE	. 5	1.0	1.9	.141	.2	. 0						4.7	8.7
	E	•6		2.0	.7	.1	•0						4.9	7.6
	ESE		1.2	2.2	.141	,2	_ •.0						5:2	8.4
	SE	.6	1.9	2.8	.1.4	. ,;3	0						7,0	8.5
	SSE			3.1	.3.6	111	2:	0					10:0	10.9
	5			3.7	5.7	:249	.9	. 1					15.1	.12.9
	ssw	. 2		1,8	.3.0	147	5	1	0				8.0	13.3
	sw	. 2	25.	. , 9	1.0	.,5	1	0) · ·				3.2	.11.5
	WSW			•6	.4	.2	1	100		<u> </u>		<u> </u>	1.8	.10.3
	w		3	-6	.5	2		0.					2,4	
	WNW		.5.	. 7	8	-4	2	• 0	. #0	<u> </u>		<u> </u>	2,9	
	NW			.9	1.2	7		- 90	-0:				3.9	
	NNW		3 .7	1.7	:2.4	1.3	4	0	0	<u></u>		<u> </u>	6.9	12.6
	VARBL	L		ļ						<u></u>	Ļ;	Ļ		·
	CALM	$\geq \leq$	$\downarrow > \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	5.7	
	1	11	1		I .	44.			1 .	1	l .	1 .	Apr 7 mm	1

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

) 	VANC	E-AFB C	KLAHOM STATION	A/ENIC	<u>,, ,</u>	· · ·	42	44446	49475	EARS			<u> M</u>	AY
	1	_				ALL WE	ATHER		<u> </u>				HOUR	(L.y.Y.)
		- -				CON	DITION					,		
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.5	1.0	1.9	1.7	.4.	1	-0					5.7	9.9
	NNE	.5	.9	1.8	1.4.	.2	.0						4.9	9.2
	NE	.3	.9	1.6	. 8	.1	•0						377	8.4
	ENE	-4	1:1	1.7		.1	• 0						4.0	7.9
	E	.8	1.4	1.8	. , 5	.0	.0						4.6	6.8
	ESE	.9	:2.0	233	. 8	1	.Ω.		•0				6.2	7.2
	SE	.8	:273	3.6	1.8	2.	ا ق ٔ						8.8	8.3
	SSE	.3	2.3.	4.7	4.0			. 0					12.9	10.0
	S	. 8	2.0	.4.5.	7.3	2.9	. 9.	0					18.4	12.3
	ssw	.3	. 9.	2.3	. 3.0	1.2	2	0.	* 0				8.0	11.8
	sw	-3		1.0		1.2	1	. 0					2.9	9.4
	WSW	.2	4.	. 6.	- 41	1	e O	0.					1.7	9.4
	w	4	. Ĝ	5		. 1	i	. 0					220	7:7
	WNW	.3	5	8.	5	2.	1		0				2.4	9.4
	NW	-3	46 .	. 9			. 0	. 0	0				2.8	9.7
Ľ	NNW	-4	. 8	1 64:	1.5	4.	0.	۵۰					4.5.	10.1
	VARBL	,												
	CALM	\times	><	> <	><	> <	><	><	> <	> <	><	\searrow	.646	
=											T	T		

TOTAL NUMBER OF OBSERVATIONS 18574

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.3909 STATION	VANC	E AFB	OKLAHON	A/ENIC)		42	46,49	73	YARS				UN
		_		_		ALL WE	ATHER		 	 			HOURS	LL (L.S.T.)
		-				сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
	N	.5	.9	1.3	•9	<i>i</i> 2	1	0.0					3.8	9.0
	NNE	04	.7	1.4.	.8	1	.0	0 .					3.4	8.4
	NE	.5	.1.0	1.4.	-6	1	•0	0					3.5	7.8
	ENE	-4	.9	1.5	.6:	. 1	0						3.5	7.9
	Ε	.7	1.5.	2.2	.5.		. 0						5.0	7,3
	ESE	. 8	.1.9	2.5	100	1							6,3	7.5
	SE	1.0	.3.0	.494	1.7	2.	•0				<u> </u>	<u> </u>	10.2	7.8
	SSE	1.0	2.8	5,9	4.8	9	1	.0					15.6	9.7
	5	. 9	2.5	16:2.	8.7	13.0	8	ا (ف					22:1	11.9
	SSW	3 نو	.9	2,8	4.8		5	يغن	· • • Q.				11.8	.13.0
	sw_	,3		1.0	.9	.,3	<u></u>		•0	<u></u>	<u> </u>	<u> </u>	3.1	9.9
	WSW	2	-3	5.	. 3	1					 		1.5	8.6
	w	3	1 . 44.	41		- 00	.0				 	ļ	100	7.1
	WNW	.2	,3	4.	2.	- 0	0				 	ļ	1.2	7.7
	NW	- 2	.3	4.	Ţ.	.00	0				 		1.1	7,9
	NNW	<u> </u>	. • 4	6	-4	2	0		O.	· · · ·		ļ	1.9	9.1
	VARBL	_											 	
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	-447	
		77.29	18.5	32.0	26.7	7.5	1.4	<u> </u>	. 0.				Tooso	۵.4

TOTAL NUMBER OF OBSERVATIONS 19080

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	VANC	E AFB C	KLAHON	A/ENIC	<u> </u>		426	46.49	·75!	TEARS		<u> </u>	لإنــــ ـ	UL:
		_				AĈĻ WE	ATHER						A	L (L'8.7.)
		<u>-</u>				сон	KOITIQ							
ſ	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
F	N	.5	.7	8	•3	.1	.0	-0			l		2.5	7.3
Γ	NNE	-4	. 8	1.0	6	.1	.0						3.0	8.
	NE	.6	.9	1.5	6.	.1	.0						3.7	·7.
	ENE	.7	1.5	1.7		.0	.0						4.3	.7.
E	E	1.1	2.0	1.7	.5	.0	.0						5:3	6.
	ESE	141	2.1	2.4	7.	٥٠	0						6.4	6.
	\$E	1.7	3.0.	4-1	1.5.	1		4 17					10.5	7.
	SSE	1.7	13.4	.6.1	342.	. 3	-0						14.7	8.
	S	1.4	3.4	7.6	6.6	111	2	ø0.					20.3	9.
L	SSW		.) .6.	.4+6	.5.0.	1.1	2.						13:2	10.
L	sw	- 4	9	1.8	1.4.	.3	0		<u> </u>				4.8	9.
	WSW	4	5	6	6	1		<u> </u>					222	8.
L	w	3_	5	-64		0							1.4	6.
_	WNW			2	. 1	0		<u> </u>		0				6
-	NW	3_	3	2	1	.0		٥و		<u> </u>			9	- 6
-	NNW	.2		-4.	.1	0		٥٥		ļ	<u> </u>		111	7.
_	VARBL					Ļ				Ļ.,	Ļ			<u> </u>
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		5,0	
ſ		11.7	22.2	35.2	21-8	3.5	<u> </u>	.0		.0			100-0	. 8 .

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E.AFB	OKLAHOM	A/ENID			42-	46,49-	73.	EARS			A	UG
•						ALL WE	ATHER						HOURE	L L (L.S.T.)
		-				сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.4	.7	.9	.4	.1	.0						2.5	7.6
	NNE	.5	1.0	1,4	8	. 1	• 0						3,8	8.2
	NE	.7	1.2	1.5	•6	_ ,1	•0						4.0	7:2
	ENE	.6		1.5	•5	.0	.0						4.0	7.0
	E	1:1	1.7	1,7	4	0	. 0						4,9	6.2
	ESE	1.3	.2.2	2.3	.5	.0	.0	•0					6,3	6.4
	SE	1.6	3.1.	4.2	1.2	0	0		,	4 , , ,	4 .2		10.0	7.0
	SSE	1.2		.5,9	247	2	0		1			٠,	13.7	8,1
	\$	1.7	.3.9	8.0	5.5	.9	1				,	,	20.0	. 9.2
	SSW	. 8	.1.8	5.0	. 15.1	. 8	1	0		,			13.6	10.4
	sw	.5		.1,8	.1.8		•		. •0				555	9.9
	WSW	.3	4	•5	4	1	0.					· .	1.7	8.7
	W	.4		3	1	. •'0				<u> </u>			1.2	5.9
	WNW	.3	. 3	. 2.	1	ي ن			0				,9	6.0
	NW	• 2		.3	1	0	.0	0					.9	7.3
	NNW	.2	3.	.4	1	0		0	0				1.0	7.4
	VARBL	L												
	CALM	$\geq \leq$		><	$\geq \leq$	><	><	><	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	-6.0	
		11,6	23.3	35.7	20.2	2.8		O	.0				100.0	·Ť.8

TOTAL NUMBER OF OBSERVATIONS 1999

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

909 STATION	VANC	E AEB .	OKLAHO	A/ENID)	<u>. </u>	424	46.49	75.	CARS .	_,	·	<u>-</u>	ÉP IONTH
		-				ALL WE	ATHER						A	<u>ĒL</u> 5 (1.3.7.)
		-				CON	BITION				<u> </u>			
	SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
r	N	8	1.3	1.8	1.4:	. , 5	2	0					6.1	9.5
ſ	NNE	-6	1.3	1.9	1.8	. 4	.1						6:2	9.4
ſ	NE	7	1.3	2.0	.1.3	.2							5.4	8
Γ	ENE	.7	1.2	ĭ .9	. 8	i							4-6	7.9
	E	1.3	1.5	1.7	-4	.0	•0						4.9	6.
Γ	ESE	1.3	1.9	1.8	-4-	.0							593	16.1
Γ	SE	1.5	3.0	.3.7	. 0	_ 41	.00		0				9:2	
	SSE	1.3	3.0	15:5	2.9	. 3	.0			-			13.0	. 8 .
	5	1 3	2.7	.6.3	5.7	1.3					,		17.6	10
	SSW	4	. 9	3.4	3.9	1.3	3	- با	Ġ				10.3	-114
	sw	4	7	111	.8	3	.0	0				, ,	3.4	199
	W5W	3	441		. 2	1	0		٠٥.				1.3	8.
	w	4	. 3	4	. 22:	Ôنے	-0						1.3	.16.4
E.	WNW	3	-4	. 3	1	0ء							111	. 160
	NW	4	.3	3	. 2	0	0						1 42	6
	NNW	. 4	7	.7	3	- 1	. 1	0					2:5	
	VARBL													
	CALM		$\geq \leq$	\geq	\geq	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$		><	6.6	
-														

TOTAL NUMBER OF OBSERVATIONS 19141

USAFETAC $_{\rm JUL~64}^{\rm FORM}$ 0-8-5 (OL. A) previous editions of this form are obsolete

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13909 VANCE AFB UKLAHUMA/ENID

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATION						•	LARS			-	OMIR
					ALL WE	THER						A	LL
	_				CON	HOITION							
	-												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEA WIN
N	.9	1.3	2.1	1.9	.5	.2	•0				-	7.0	9
NNE	.8	1.3	2.1	1.7	.4.	-1	0					6.4	9
NE	,5	1.0	1.5	.9	<u>,2</u>	•0						4.1	
ENE	4	.9	.9	•3	.0	.0						2.5	.7
£	.7	.141	.7	1	•0							2:7	5
ESE	.6	1.5	1.0	.1	.0							3.2	5
SE	1.0	.2.8	12.8	. 8	-1							7.5	.6
SSE	1.2	.3.2	4,6	.2.8			0.	• 0.				12.5.	8
S	1.2.	13.7	6.5	15.7	2.2		0					19,7	.10
ssw	,5	1.3	,3,4	3.0	.161	.2	-0			, ,		9,5	.11
sw		• 1	. 191	6	- ,2	0						3,1	<u>~</u> 8
WSW	- 3	7	6:	2.	. 1	0				<u> </u>		1.9	.7
w	.6	.7	5	.2:	٥٠	0	.00			<u> </u>		2.1	
WNW	.5	.7	- •6	3.	1	1	.O.	<u>.</u>				2.1	- '7
NW	4	-6.	6.	6								2.4	
NNW	5	9;	1.6	1.106	5	1	0			<u> </u>		3.2	.10
VARBL	ليسيا						<u></u>			Ļ	Ļ	 	
CALM	$\geq \leq$	$>\!\!<$	><	> <	><	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	8.0	
	10/7	2233	30.5	20-8	6.2	1.4	ī	.0				100.0	

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VANCE AFR OKLAHOMA/ENID

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL WE	ATHER						A	\ <u>\</u>
	_				сон	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	4j - 55	≥56	*	
N	7	1.5	2.7	.3.0	1.3		•0					9.6	Ĺ
NNE	.4	.9	2.1	1.6	.3							5.6	Ē
NE	.4	1.0	1.4	.6	. 2.	.0						3.7	
EHE	94	. 8	,8	2.	1	.0						2.2	Ē
E	<i>i</i> 7	1.0	- 9	غ	.0							2.7	
ESE	.5	1.1	1.0	3	.0							2.8	
SE	6	1.5	2.0	.6.	.0	0						4.7	
SSE	7	2.2	3.7	1.6	.2	•0						8.7	Ē
S	. 8	2.6	5.4	4.8	1.3	3	(کم					15.3	Ē
SSW	3	1:1	2.8	3.1	1.0	<u></u>	0	0				8.7	L.
sw	-4		1.6	ĴøÔ	3	i	. 0					4.2	Ē
wsw	23	- 47	8	3	. 2		0					2.4	Œ
w	. 7	_1.1	1.0	4	2		0 و	0	0			3.5	ĺ
WNW	.6	1.2	1.4	6	آ. ه	i	1					4,2	Ē
NW	6	1.2	1.5	1.3	4.		1	Q.				5.6	Ĺ,
NNW	.5	1.2	2:2	2.7	111	4	.0	.0				8.2	
VARBL			,										
CVIW .	><	><	><	><	> <	><	$\geq <$	><	><	\times	><	78	
	8,6	20.0	31.5	22.6	6.9	2.4		,	0	,		100.0	7

TOTAL NUMBER OF OBSERVATIONS 19135

13909 VANCE AFB UKLAHOMA/ENID

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOITATE		*	STATIO	HANK		_			,	'EARS			•	IONTH
						ALL. WE	ATHER							(L.S.T.)
		_				CON	DITION							
		_												
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.8	1.3	2,9	.3.4.	1.3	.5	1					10.2	11.4
	NNE	.5	.9	2.2.	2.1	,6							6.4	10.4
	NE	.5	. 9	1.8	111	2	1						4.7	9.0
	ENE	.3	.6	111	.4.	•0							7,5	7,6
	Ε	.6	.8	.,9	2			.0					2.5	6.3
	ESE	.4	37	7	_ ,3								2.0	6.6
	SE	.6	.1.4	201	5	0 نو .			, ,,				476	7.3
	SSE	.6	1.7	أوان	.2.1	.3	0	., ,					7.9	9.0
	\$.8	.2.3	4.6		1.0	2.						13.5	.10.3
	SSW	- 64	.1.4	.3.1	2.3	1.0	Ž	0		, ,			8.5	10.8
	sw	.4	9	1,4	7	. 1	0	I					3.6	8,3
	WSW	-4	<i>i</i> 7	1,0	3	. 1			.0			·, ·	247	8.3
	W	. 8	1.1	1,5	. , 5.	. 1	• 1	.0					3.9	7.5
	WNW	. 5.	1.1	1.6	. 9		1	0	.0				4.6	9.0
	NW	5	1.0	1.7	1.7		.2	0	. C				5.7	.10.8
	NNW	.5.	111	2.6	2.6	1.0	. 5	1	. 0				8.4	11.6
	YARBL				7									
	CALM		$\geq \leq$				$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	8 + 3	
		1					7		-		i	1		

TOTAL NUMBER OF OBSERVATIONS 18473

13909 VANCE AFB OKLAHOMA/ENID

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

42-47,49-60,68,75

				 	ALL WE	ATHER						0000	=0200
	<u></u>			· · · · · · · · · · · · · · · · · · ·	CON	MCITIO	· · · · · · · · · · · · · · · · · · ·						
SPEED										_ 		1	MEAN
(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	SPEED
N	6	1.2	2.6	2.3	1.3	9	1					9.0	12.0
NNE	•7	1.4	2.6	.2.4	.9	.4.						8,5	10.5
NE	.5	1.1	1.2	1.2	.2	.1						4.4	9.1
ENE	.4	.9	1:1	. 2								2.6	6.5
E	-4	1.0	.7	•1								2.1	5.7
ESE	.6	1.3	1.0	.1								3.0	5,9
SE	1.1	1.25	2.0	6								5.4	6.6
SSE	.7	1.5	3.7	2.0	.2				1		<u> </u>	8.1	8.8
s	1.6	2.4	.3.6	3.4	.7				Ĭ			11.7	9.0
SSW	.6	1:1	2.3	2.1	.6	.2.				1		7.0	.10.2
SW	-6	1.3	247	. 9	.1							5.5	8.0
₩s₩	1.0	.5		4								2.4	
w	1.4	1.8	1.3	. 4.		.1	1					5.1	7.1
WNW	. 6	.8	111	2.	.3	-1						3.0	8.2
NW	1 . 3	1.2.	1.5	5	.5	1						5.1	8.0
NHW	.7	-4	1.8	2.6	1.4	1					T	7.0	11.8
VARBL		T											
CALM	\geq	$\geq \leq$	\geq	$\geq \leq$	\geq	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\geq	10.4	
	22.9	30 4	20.0	7.0 4	4 2	1.0	1,5	- 5		1		10000	2 1

USAFETAC $_{
m DL~64}^{
m FORM}$ 0-8-5 (QL. A) previous editions of this form are obsolete

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANC	E AFB C	KLAHOM	A/ENID	<u> </u>		42	47,49		EARS		 	<u> </u>	AN
		_				ALL. WE	ATHER						0300	-0500 (L.s.T.)
						CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	2.	1.5	12.9	.3.4	1.7	. 8		•0				11.4	12.0
	NNE	.5	1.0	.272	1.9	.6	,5	0					6.8	11.0
	NE	.4	. 8	1.8	. 8	.3	1						4.2	9.1
	ENE	.5	.1.1	1.0	•3		•0						3.0	.6.9
	E	.8	.9	67	42.							<u> </u>	2.6	5.8
	ESE	.4	.1.1	. 8	0.1								2.3	5.6
	SE	5	.2.0	1.9	.5.					,			5.0	.6.8
	SSE	.8	.1.5.	.3.2.	.1.5	. 1	1						7.2	8.5
	S	1.2.	.2.8	-4,7	2.9	,6	0						1273	8,8
	ssw	.8	1.4	2,6	.2.3	.9	1			,			8.0	.10.1
	sw	,6	.1.3	1.3	.5	.2.	0						3.8	7.6
	wsw	-4	1.0	.8	3	3							2.7	7,8
	w	.1.2	1.8	1,6	.3	. 1		1	0.				5.1	7.0
	WNW	.1.1	1.0	1.5	+4.	.2.							4.2	7.0
	NW	1.1	1.8	7	. 8	.3	0						4,1	7.2
	NNW	-6	7	272	:242	1.5	3	0					7.5	12.2
	VARSL							,						
	CALM		\geq	\geq	\geq	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	9.2	
		11.7	21.7	29.9	.18.3	6.8	1.9	3					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

2220

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB	OKLAHO	MANE NIC)		42	47.49	75	EARS				IAN
STATION			SIATIO	M NAME		A 4. '				BARS				
						ALL WE	ATHER						HOUR	0800 (L.s.T.)
						CON	DITION							
					·		·····							
	SPEED	<u> </u>		T	<u> </u>			<u> </u>			<u> </u>		 ,	MEAN
	(KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND
	N		1.5	.3.8	3,4	2.1	.5	.0	.1				12:3	11.7
	NNE			2.1	2.4	. 8	.2						7.0	10.8
	NE			1,6	.5	1	.1						3.7	
	ENE			8	62								2.5	_6.3
	E		7 .8	1.0	.1			1					2.6	5.6
	ESE		3 1.4	.9	-3								2.9	6.6
	ŞE			2.1	-4			\					4.7	7.0
	SSE			2.7	1.3	.2.							6.9	8.0
	3	1.	2.7	.3.5	,3.1	9	. 1						11.4	9.3
	ssw		1.6	2.1	1.9	.8	2.			İ			7.0	10.1
	sw		1.3	1.7	.6	- 1	0						. 4.1	8.1
	WSW		5 .9	. 9	6.3	- 1							2.9	7.0
	W	1.0	1.6	1.5	.5		0						4-8	6.8
	WNW		7 1.5	167	.8	1							429	7.6
	NW	_14	1 1.5	1.4	.9	. 5	- 1						5.4.	8.3
	NNW		6 . 9	2.1	2.4	1.3	5	0					7.8	12.2
	VARBL													
	CALM		\searrow	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	8,9	
		1	1	1	1	,	1 .		1.1	1	1	1		1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $_{\rm JUL~64}^{\rm FORM}$ 0-8-5 (OL A) previous editions of this form are obsolete

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION, AND SPEED (FROM HOURLY OBSERVATIONS)

13909	VANC	E AFB C	KLAHOM	A/FNID)		.424	47,49-	75	EARS				AN
31111011		_				ALL: WE	ATHER		•				0900)#1100 (L.S.T.)
						сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	-6	1,5	.3.1	.4.6	2.2	.6	• 2			 		12.7	12.4
	NNE	•4	1.0	2.1	.3.3	1.2	,6				1		8.6	12.1
	NE	•3	67	.9	1.0	• 2	.1					1	3.1	9.1
	ENE	- 1	.8	. 8	.3	•0							2.1	'777
	E	,6	1.0	.1.0	.3	•0							279	6.6
	ESE	- 4	.7	.8	•1								2,1	6.5
	SE	.6	.9	1.9	5								3.9	7.5
	SSE	. 5	.141	2.4	1.4	. , 3							5.8	9.2
	S	;7	.2.0	3.6	-/447	177	. 5.	. 1					13,2	11.3
	SSW	,4	.5	2,5	.3.0	.1.1	-6						8,2	12.4
	sw	• 3	. 8	2.3	1.4.	,3	-1						5,3	9.8
	WSW	,4	.8	. 9	.5:	1							2.8	8.4
	w	. 7	167	1.1	.9	. 2					<u> </u>		447	8.0
	WNW	.6	1.1.1	145	.7	2		0					4.2	8.5
	NW	.6	.1.4.	1.9	1.1	. #4.	. ;3		.1				5.7	9.9
	NNW	.3	. 9	:273	,3,1	1.6	1.0	2	1				9.6	13.7
	VARBL									L				
	CALM	\sim	$\geq \leq$	>>	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	5.0	
		7.6	16.8	29.3	26.8	9.7	4,1	4					ĨOOvõ	10.1

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB	KLAHOM	A/ENID)		42	47,49-	<u> </u>	EARS				IAN
312.12 A		_				ALL WE	ATHER						1200)#1400 s (LS.T.)
						сои	BITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	. 8	1.3	3.3	.5.1	2.0	1.3	3	•0				14.1	13.1
	NNE	. 1	.9	2.2.		141	.1	.0					7.1	.11.7
	NE	•3	.6		1.0	<i>i</i> 2					}		2,9	9,4
	ENE	.2	.4.	. 8		.1					T		1.8	8.1
	E	.4	.3	.7	.3								1,8	7,3
	ESE	.5	,4	. 8	•0	•0							1.8	6,3
	SE	.5	.9	1.3	5	.0							373	7.1
	SSE	. 5	. 8	1.9	.2.0	.4							5.6	9,9
	S	-4	1.7	.3.6	.4.6	2.0	1.3	- 1					13.6	12.7
	ssw	4	.7	2.7	.3.1	2.4		1					10.5	13.5
	sw	.5	. 9	1.2	1.9	9	4.						5.9	11.6
	wsw	. 5	. 8	8	.9	,4	1						3.7	9.7
	W	.6	8	111	8								3.5	8.1
	WNW	8 9	<i>i</i> 7	1.2	.47	4.	.2	1	O				3.5	11.2
	NW	.7	. 29	1.3	1.8	7	4	1					5.9	11.3
	NNW	.5	9	2.3	.3.6.	1.7	1.0	1			<u> </u>		10.2	13.5
	VARBL							<u> </u>		<u>L </u>				
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	4.9	
	1	1				1			* 4 ***	•,	1	·		

TOTAL NUMBER OF OBSERVATIONS 2950

USAFETAC $_{\text{JUL-64}}^{\text{FORM}}$ 0.8-5 (OL A) **REVIOUS EDITIONS OF THIS FORM ARE OPSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANC	E. AFB	OKLAHOM	A/ENIC)		42	47,49	75	EARS				AN
						ALL WE	ATHER						1500	≠1700
			·			сон	DITION			· · · · · · · · · · · · · · · · · · ·				
														
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N		1.5	3,5	.4.6	1.9	1.2	.1					13.3	12.7
	NNE			2.5	2.8	9	.3	•0					7.9	11.2
	NE	ė i	2 .8	1.0	.8	.1							2.8	8.4
	ENE		5 .9	.8	• 5	•1							2.8	7.5
	E	• (.8	1.0	.1								2,5	6.0
	ESE			7	•1								1,7	6.5
	SE		1.6	1.2.	.5				,				3.8	.6.7
	SSE			.3.2.	.2.1	. ,3					, .		7.8	9.0
	S	10	2.7	4.2	4.9	1.7	1.0	1					15.6	.11.4
	3SW		5 1.0	2,6	3.1	1.6	3						9:2:	.11.8
	sw		6 .9	1.2	1.2	,4	1	`	•0				444	, 9,8
	wsw		64.	•7	.7	.2	1						2,5	9.5
	W		5 .8	.7	.5		0.						2.5	.7.0
	WNW	•		• 9	+4.	3.	2	0			<u> </u>		2.6	10.3
	NW	1.		1.4	1.7	. , 5						,	:6 t	.10.3
	NNW	• • •	7 .9	2.0	2.9	.1.5	8	. 9-1					8.9	.12.7
	VARBL	<u> </u>				<u></u>						L:		
	CALM	$\geq \leq$	\searrow	$>\!\!\!<$	$\geq \leq$	$\geq \leq$	\sim	><	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	5.4	
		.8.	5 17.3	27.5	27.0	9.5	4.3	4	O				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.3909 STATION	VANC	E AFB C	KLAHOM	A/ENID	<u></u>		424	47,49	75	EARS				AN
						ALL WE	ÄTHER							=2000
		 				сон	DIT:OH							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	141	2:0	3.2	2.9	1.5	.7						11.6	10.8
	NNE	. 9	1.8	.3.1	.2.3	1.0	.0						9.0	`9.5
	NE	1.0	1.1	1.2	7	. 2							4.2	7.5
	ENE	.9	1.3	6	£2.	.0							3.0	5.7
	E	.9	1.1	1.1	.2.		0						373	6.0
	ESE	1.3	ۋر	. 9	. i								3.1	5.3
	SE	1.2	.2.4	2.0	4								6.0	6.1
	SSE	ۇ ،	. 2.9	.5.3	1.8	2				,, ,	 -		11.1	8.0
	5	1.3	3.5	.5.7	3.6	. 2	. ز م						.15.0	8.8
	ssw .	.5	1.6	2.3	.141	2.				,			5.9	8.8
	SW	.4	45	. 9	. 2.								2.0	7.1
	wsw	.2	3نر.	2.	, ¿Ž,								29:	6.5
	w .	- 8	.5	.3	,			. 1					. 1.7	5.3
	WNW		7	7	22.	1	. 2.						247	7.9
,	NW	1.2	1.1	1.1	8	2	. 0 .						444	5.3 7.9 7.5
	NNW	.7	1.7	1.2.	1.3	9	5	1		,			5.3	11.9
	VARBL					1.								
	CALM		$\geq \leq$	\geq	\geq	$\geq \leq$	\times	$\geq \leq$	\geq	$\geq \leq$		$\geq <$	11+1	
		14.0	22.4	29.7	15.8	(5,1	líž						100.0	7.5

USAFETAC FORM 2-8-5 (OL A) FREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	ANCE .	AFB D	KLAHOM	A/ENID)		42	47,49-	75	EARS				AN
						ALL WE	ATHER						2100 HOUSE	=2300
						CON	DITION							
SPE (KN	rs)	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
		. 8	1,3	2,8	2:2.	1.4		.1					9.2	11.4
N	łE	.9	1.8	3.0	.2.1	1.2	, 2.						9.2	10.1
—ñ	E	.8	1.4	1.8	1.0	.1	•1						5.0	7.9
EN	IΕ	.6	1.2.	1.2	-4.								3.3	6.6
E		.8	.9	1.5	•1								3.2	6.1
ES	Ε	.6	1.5.	1.3	.2								3.6	6.1
51		1.1	:2.1	.2:2.	.5	1							6.1	6.6
SS	E	.8	.2.1	3.9	2.4	.2							9.4	8.8
s		1.4	.3.1	,4,5	:2.8	.7	<i>i</i> 2						1277	8.9
55	w	. 8	1.2	2.7	.1.8	. , 3	2.						7.0	9.3
51	v	.6	6	1.7	•6	1							3.6	5.1
WS		2.	.4.	7	2.	1							1.5	7.6
W	,	.7	.1.1	. 9	2	٠,1	1	2.					3.1	'7'.7
WN	w	.3	1.1		1	. 1	-,1						2,3	
N	w	.5	.9	8	-6	-4		. 4 4					3.4	9.5
NN		-6	.8.	1.4	1.5	1.3	1.						5.6	11.3
VAI											 			
CA	LM	<	> <	> <	> <	> <	> <	> <	>>	> <	$\supset <$	> <	11,7	
								\leftarrow						

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANC	E AFB	KLAHON	A/ÉNIC)		42	46,49	60,72	73,75			<u>F</u>	EB
*******						ALL WE								→ 0200
		_				C	LASS						нопы	(L.S T.)
		_				сон	KOITIG		- · · · · · · · · · · · · · · · · · · ·	740	 .			
		_												
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.8	.1.0	.3.2	:2.5.	1.4	,3	•1					9.2	11.4
	NNE	•3	.7	:242.	.2.4		-3						6.4	11.4
	NE	-3	.1.4	2.4	1.4	. , 2							5.6	8.7
	ENE	. 8	.1.4.	.1.6	5	,1							4,5	7.1
	E	7	.1.2.	1.8	. •3								.4.0	6.7
	ESE	.5	.1.5.	:2,0	•3.	.1							4+3	7.2
	SE	7	.1.8	2.9	5.	1		1		,	ļ		6.0	17.2
	SSE	67	:2.0	4.2.	.1.6	.,3	.1	1					9,5	9.4
	S	.5	1.4	.4.8	2.5	8							9,9	9.8
	ssw	.1	.1.0	:2:7	.2.0.	,9	.,3				,		7.1	.11.4
	sw	.1	8	1:2.					, ,				3.1	8.8
	WSW	4	. 37	1.7	•1	1	1					· .	3.0	7.6
	w	£ i,	1.0	.9	.2.	-1	1						2.7	2767
	WNW	15	1.0	7	1	.6	3	₹2					3,5	.11.2
	NW	. , 5	· +5.	111	8	3							3.5	10:4
	NNW	.2	1.0	1.3		1.4	5	,					6.7	.13.0
	VARBL										T .			
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\geq	10.8	
				•	~ .	2.4.2			<u> </u>		T			

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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VANCE AFB OKLAHOMA/ENID

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL WE	ATHER			 			0300	0=0500 (L.s.T.)
	_				CON	DITION		·					
	_												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.5	1.6	2.8	.3.4	1.7	.3	.2					10.5	12.0
NNE	-6	.4.	1.8	1.9	,6	.1						5.3	10.8
NE	-4	•4	1.4	1.3	.2							3.7	9,6
ENE	.5	1.0	1.6	.9								461	8.2
E	.6	1.1	1.9	.3								3.8	7.0
ESE	.6	1.9	1.6		.1							4.7	7.0
SE	.6	1.8	2.4	5	.2.	1						5.5	7.7
SSE	•5	2.1	3.5	1.2	4							727	8.5
S	.7	2.1	4.3	2.4	1.3	.1						10.9	10.0
SSW	.3	1.2	2.6	2.1	94.	.2						6.7	10.5
sw	.3	1.2	1.5	•5	.1	.1						3.7	8.2
WSW	:2	.5	1.2	. 1	. 1							2.1	7.5
w	-4	1.4.		3	12	.2						4-3	8.2
WNW	-4	.9	. 9	.5	. 4	-3	1					3.4	10.3
NW	-3	1.2	1.9	1.0	.6	.2	1					5.2	10.6
NNW	-3	.1.3	2:2	2.3	1.6	.3						8.1	11.8
******										 		-	

TOTAL NUMBER OF OBSERVATIONS 1932.

10.3

USAFETAC $\frac{\text{FORM}}{R_{\star}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANC	E AFB	KLAHDA	A/ENIC)		.42	46,49-	'75	TEARS			- 	EB
31-11-30		_				ALL WE	ATHER	····		·			0600	-0800
		- -				сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	-5	1.9	3.0	.4.0	1.8	.5	•2					11.8	11.9
	NNE	.3	.1.1	2.0	1.6	,7							5.8	10.3
	NE	•3		1.0	.9	,3							3:3	9.4
	ENE	•3	.7	1.1	3	, 1				<u> </u>			2.6	7.5
	E	64	1.2.	.1.6	.5	•0							3.7	7.4
	₹SE	•4	1.2	1.8	5								3.9	7.4
	SE	.5	:2.3	2.9	8	1							6.6	7.6
	SSE	.7	.1.9	3.1	.1.7	. 2.							7,6	8.4
	5	.7	:242	4.0	13.0	7	2.						10,8	9.8
	ssw	.4	.1.3.	2.0	1.0	. 14	.0		,				5.1	9.0
	SW	, 5	.7	.1.5.	5.	1							3.2	7.5
	WSW	.5	.8	111	5	#0 .							2.9	77.5
	W	<i>i</i> 7	1.13	1.2	. , 3		.2						3,8	77.0
	WNW	-6	1,6		.5	, 2,		1					4,7	3.5
	NW_	-6	.1.6	2.0	.1.4	. , 5		1	<u> </u>				6:2	9.3
	NNW	7	.1.2	2.8	.3.4	.1.5	4						10.0	.11.4
	VARBL	L			L		Ĺ	<u></u>	L					
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	7,9	
		8.2	:21.7	32.7	20.9	6.8	1.5	3					100.0	1.6

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

2593

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13905 STATION	VANC	E.AF8 !	OKLAHOM STATION	A/ENID)		42	46,49-	75	EARS			<u></u>	EB
		_				ALL WE	ATHER						0900 HOURS	-1100
		-				сон	KOITIG							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.5	141	.3.1	.4,3	2.0	1.2	.1					12:3	13.1
	NNE	.2	1.3	2.3	242	.7	.2						6.9	10.7
	NE	. ,4	.,7	1.6	1.5	.2	.0		•1				4.6	9.8
	ENE	4	.3	8	44	.1							2.0	7.9
	E	.2	.5	1.7	5	.1							3.0	8.8
	ESE	•3	.,9	1.6	7	•1							3.7	8.4
	SE	•4		2.3	.141	1	0						4.8	8.8
	SSE	.3	.5	2.4	2.4	. 8	1			,			6-4	11.4
	5	3	1.2	,3,1	1409	1.5	.2						11.1	1168
	\$\$W	.3	.6	2.7	2.9	1.8	.7	.1					9.1	13.0
	sw	4	,5.	1,5	1.5	. 2	.0						4.2	10.1
	WSW	3	.5	. 9	17	.2				L			2:4	8.6
	w	3	9	1.2	6	.1	0						3.2	9.1
	WNW	4	.5.	1.5	1.0	. 45.	2	.3					450	12:2
	NW	. 2	29	1.3	1.6	7	- 2	0					447	11.5
	NNW	.5	1,0	2.9	4.9	2.5	1.0	2					13.0	13.3
	VARSL .				• .			,						
	CALM	$\geq \leq$	$\geq <$	><	><	><	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	><	$\geq \leq$:379	
		5.5	12.5	30.8	31.2	11.4	3.6	7					100.0	ĩ0.9

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

.2594

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB	KLAHON	A/ENIC)		42	46,49-	75				_ <u></u>	EB
STATION			STATIO		<u></u> -	ALL NE	ATHER			EARS			1200	онти 1 <u>⇔1400</u> ((Ls.т.)
		_				СОИ	DITION							
	SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 • 47	48 - 55	≥56	×	MEAN WIND
	DIR.				2 1								12:5:	SPEED
	NNE	<u>•6</u>	1.1	3.0 2.0	5.1 2.6	2.0							12.7	12.7
	NE NE	.2	1,3		1.3	.8	•0	•1		 -	 		4.5	8.9
	ENE	.2		1.5	-4	•0			•0				1,8	8.0
	E	-4	.7	1.3	•1	•0							2.5	6.8
	ESE	• 2	.8	1.0	.5	• • •	 -				 		2.5	7.8
	SE	3	•7	1.2	.1.2						 		3.4	9.2
	SSE	.5.	, B	1.7	.2.4	. , 7	,5						6.6	11.6
	S	.3	•7	2,:7	4.9	12.2	:7				 		11.6	13,4
	ssw	63	•7	2.2	3.7	3.1	1,5	.2					11.6	14.9
	SW'	-4	<i>i</i> 7	1.3.	.1.6	.,5	1						4,7	.10.8
	wsw	_,3	.7	1,0	.1.3	1.	0	•1			1		3.5	10.1
	w	4	.7	8	7	.1							2.6	8,3
	WWW	2	,6	9	9	.,6	.3	2	•1				3,7	3.4
	NW	.2	.9	. , 9	2.0	.1.0	3						5.3	12.4
	NNW	.6	1.2	2.3	-3.7	2.5	. 1.3	2	•0				.12.1	.13.9
	VARBL													
	CALM	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	3,8	
]	8.5	12 0	24	22.2	12'17	4 5		1.3				100.0	11.4

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YAN	E AFB C	KLAHOM	A/ENID)		42	46,49	75	ZARS			<u>_</u>	EB
	-				ALL. WE	ATHER		· 				1500	-1700
	-				сом	DITION							
SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	2.4	.4.9	1.8	. 9	.1					12:1	12.7
NNE	,5	1.3	.277	2.9	.9	.2	-,1					8,6	11.0
NE	•4	1.1	2.0	1.3	.1	.0						4.9	5.8
ENE	-4	. 9	.9	.5								2.7	7.3
E	.2	1.1	1.1	2.								2.5	7.1
ESE	.3	.9	1:1	•2	•							2.6	7.1
SE	.2	1.0	1.2	.6.	.2	.0						3.2	8.9
SSE	.3	1.1	2.8	2.5	.8	.2:						777	10.9
\$. 5	1.3	-4+1	5.1	272	.7						14.C	12.3
ssw	4	.7	2.5	3.4	2.4	. 8	1					10.5	13.4
sw	12.		9	1.0	. , 3							3.1	9,9
WSW	-4	.7	. 9	44	.1	-1						2.7	8.5
w	- 4	.5	. 9		.1		-0					241	7.8
WNW	12	4.	et.	1.1.1	<u>4</u>					<u></u> _	<u></u>	3.0	12.8
WK	-4			1.5	6	6.						4.7	1167
NNW	-4	1.1	2:2	-4×2	2.0	1.2.	.3			<u> </u>		11.5	13.9
VARBL				• • •			·		<u> </u>				
CALM		><	><	><	><	><	><	><			><	,4 , 2.	
	5.8	14.9	27.6	30.0	Ĩ2.1	5.6		.2			13 A F141 3	100.0	10.9

TÖTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DIR. N	4 - 40 41 - 47 48	- 35 ≥56	1800-	200 (L.s.T.)
SPEED 1 - 3	1 - 40 41 - 47 48			
(KNTS)	1 - 40 41 - 47 48			
(KNTS)	1 - 40 41 - 47 48	- 35 ≥56	<u> </u>	
NNE		i #	*	MEAN WIND SPEED
NNE			10.3	10.
NE 1.0 1.6 1.8 1.0 1 ENE 8 1.5 8 3 0 E 1.1 1.3 1.5 1 ESE 9 1.7 8 2 0 SE 8 2.5 2.7 .7 1 SSE 7 2.7 4.1 2.2 5 S 8 3.0 6.0 3.4 5 1 0 SSW 2 1.3 2.2 1.1 2 WSW 3 3 3 5 0 0 W 6 7 2 2 2 0 1 WNIY 4 8 3 1 2 0 1 NW 5 7 9 3 2 2 2 0			9.4	9.
E 111 1.3 1.5 1 1			544	7.
E 1.1 1.3 1.5 .1			3.5	.6.
SE			4,0	5.
SSE	, ,		3.6	5,
S			6.7	.7
SSW			10.1	.8
WSW .3 .3 .5 .0. W .6 .7 .2 .2 .0 .1 WNIY .4 .8 .3 .1 .2 .0 .1 NW .5 .7 .9 .3 .2 .2 .0			13.9	19.
WSW 93 93 95 90 91 92 90 91 92 90 91 92 90 91 92 90 91 92 90 91 92 90 91 92 90 91 92 90 91 92 90 91 92 90 91 91 91 91 91 91 91 91 91 91 91 91 91			5.0	.8
WSW .3 .3 .5 .0. W .6 .7 .2 .2 .0 .1 WNNY .4 .8 .3 .1 .2 .0 .1			104	.6.
WNIV 4 8 3 1 2 0 1 NW 5 7 9 3 2 2 0	<u></u>		101	3,
NW 65 67 -69 63 62 62 60			1,7	.6.
			2.0	10.
		<u></u>	2.8	9,
			7.6	.11
VARBL			11.0	
CALM			11.00	
10.5 24.2 29.9 1747 4.6 1.64			100.0	' †'

TOTAL NUMBER OF OBSERVATIONS

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANC	E ALB	OKLAHOM	A/ENIC			42	46,49-	<u> </u>	YEARS			_ 	EB
		-	-			ALL WE	ATHER	,					2100 HOUR	=2300 (L.S.T.)
		-				сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.9	1.8	2.7	2.2	1.2	.1	.1			 		9.1	10.3
	NNE	•9		2.4	.2.4	.7	•1						7.7	9.8
	NE	.5	1.5	2.7	1.1	1							6.0	8.3
	ENE	.4	1,5	1.7	.4.					i			4.0	7.0
	E	.6	1.7	1.9	.1					<u> </u>			4.4	6.3
	ESE	.2	1-6	1.9	.3	.1							3.0	7.4
	SE	.9	2.4	.3.7	111		1			<u> </u>			8.2	7.4
	SSE	.5	.2.0.	.3.7	.2.4	. , 6	.1	•1			· ·		9.3	9.6
	S	-4		15.4	.2.9	. 27	3		,				12.3	9.6
	SSW	.5	6	2.3	1.5	. 5 ي	. 2						5-6	10.2
	sw	.4		1.2	7	.1							2.6	18.7
	WSW	.2	6.	. 4.	1								1.4	6.7
	w	-4	1.2	-6									2:4	5.7
	WNW	5		.6		.2	4	2					3.0	1141
	NW	.4	8.	4.	5.	1	- 1		1		<u> </u>		2.4	10.4
	WNW	.3	111	1.3	1.60	1.3	6	1.					6.3	13.2
	VARBL	<u> </u>												
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		11.6	
		8.2	.21.4	35.8	17:5	:8.2	2.0	1.4	13	,	T		100-0	A. ï

TOTAL NUMBER OF OBSERVATIONS

1693

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANÇ	E AFB	KLAHON	A/ENI)		42-46,49-61,63,68-69,72=75						MAR	
	ALL WEATHER												0000=0200	
		<u>-</u>	CORDITION											(13.11)
	SPEED (KNYS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	43 - 55	≥56	%	MEAN WIND SPEED
	N	.7	1.2	2.5	2.3	17	-4	-4					8.1	11.6
	NNE	.6	.9	2.5	2.2	.5	.2	.1			i		6.9	10.6
	NE	•7	1.2	1.9	1.7		.2	•1			1		6.1	9.8
	ENE	.2	1.7	251	1.2	.1							5.3	8.7
	E	.6	2.1	242	.7	.1					1		5.7	7.2
	ESE	.6	1.9	.3.0	-6								6.1	7:1
	SE	.7	1.6.	.3.4.	1.1	44.	.1						7.4	8.8
	SSE	.6	1.8	.4.1	2.2	1.0	.2	,1					10-0	10.1
	s	.4	1:1	3.0	2.9	1.2	1						8.7	11.3
	SSW	2	.7	2.6	1.7	.5							5.7	10-4
	SW	g-4.	9	111	14.				l				2.9	17.4
	WSW	• 3	4.	5	.2	.2.			1				1.6	8.3
	w	.5	1.0		1	• 1 • 6							222	6.9
	WNW		1.2	1.2	- 0	- 6	- 44		<u> </u>		<u> </u>		464	11.4
	NW	1	. 6	100	1.0	3	2		<u> </u>				3.8	11.3
	NNW	3	9	1:4	1.7	1.2							6.1	13.0
	VARBL	Ļ		<u> </u>		<u> </u>		,						
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	9:0	
	I	11		2 7 4 11	1 2 5	201			· ·	i - •	1		1 m > -/1	

TOTAL NUMBER OF OBSERVATIONS 160

USAFEFAC $\frac{\text{FORM}}{\pi\pi}$ 0-8-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

VANCE AFB OKLAHOMA/ENID.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	-				ALL WE	ATHER		···-)=050 • (L.s.T.)
					сон	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.5	1.0	2,4	.3.6	1.1	.7	.3	.0				9.6	.12.
NNE	-6	.1.1	2.0	1.7	<u>,6</u>	,1						6.1	10.
NE	.2	1.0	1.3	1.6	,3	.1				 		4,5	.10.
ENE	-4	1.3	1.4	.9	.2							4:3	8.
E	.5	.1.4		3						1		4.6	77.
ESE	•4	1.9	2.9	6	.1							5.9	7%
SE	.5	1.4	.3.6	67		. 1				i		6.4	
SSE	.7	.2.0	.3.5	2+4	<i>i</i> 7	.2.		ı				975	9,
\$.7	1.5.	2.0	1361	1.4	;2.						9.0	11.
SSW	.4	1.2	2.6	1.8	.2	•0						6,2	9.
sw	.2.	.5	1.8	.5.	.1							3.1	8.
WSW	•3	7	. 8	3	•0							232	.7.
w	.7	1.5	1.0	2.	• 0		• 0.					3.5	3.
WNW	•2	.1.4	1.4	.7	, 8	.3	.0					4,9	10.
NW	.2	<i>i</i> 7	1.0	1.0	. 8	.3	٠٠.0٠					492	.12.
NNW	3	1.0	2.0	.2.0	1.7	.4	. 0.		,			7.6	12.
VARBL				<u> </u>									
CALM							\searrow	>				873	

TOTAL NUMBER OF OBSERVATIONS 2055

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USAFETAC $_{\mathrm{JUL~64}}^{\mathrm{FORM}}$ 0-8-5 (QL. A) previous editions of this form are obsolete

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

VANC	E AFB C	KLAHOM	A/ENIC)		42.	46,49	75	EARS			<u></u>	AR:
	-				ALL. WE	ATHER							0800 (L.s.T.)
					сон	DITION							
SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	-4	1.2	.3.1	,3.1	1.8	.8	.1	•0				10.5	12:7
NNE	,3	1:1	1.7	.2.5	. 8	.2						6.5	.11.1
NE	.3	·7	1.6	.9	.3	2.						4.0	10.0
ENE	.5	.8	1.1	_,8	. 1							3.3.	8.3
E	-6	1.9	1.9	.8								5.1	7.1
ESE	- 5	1.6	2.4	. 27								5.1	7.4
SE	.5	.1.7	3.6	1.3	.0							7.1	8.0
SSE	.5	1.7	3.1	2.8	.3					Ī		8:5	9.7
S	.4	1.6	2.8	.3.6	.9	.3						9:5	10.9
SSW	42	.8	2.5	232.	1.1	. 2			Ĭ			7.0	.11.5
sw	.3	.5	1.2	. 9	_ 1	.0						3.1	9.2
WSW	. 5	.5	1.0	3	Ó							2.4	7.3
w	.8.	1.2	111	4.	2							377	77.2
WNW	.4	1.7	1.2	1.3:	6	461	- 1		l			5.7	10.4
NW	3	9	1.4	1.2		- 2				<u></u>		4.9	11.55
NNW	-4	17	1.7	2.6	1.3	- 6	. 12					7.5	13.1
VARBL		. ,							L				
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	6.1	
	7.0	18-6	31.1	25.6	8.1	3.1		.0	,			100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

2589

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

) 9	VANCE AFB OKLAHOMA/ENID 42-46-49-75													AR
						ALL WE	ATHER						0900 Nours	110(
		•				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	17 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N		6.	2,3	3.9	.1.9	. 9	•1					9:9	13.
	NNE	. 1		2.2	.2.1	1,1	.3						6.4	12:
	NE	• 1		.1.9	.1.4	,3	.3						5,0	10.
	ENE	. 1		1.7	1.4	•1							3.8	10.
	E	- 4		1.8	.6							 	3.7	77.
	ESE			1.6	•7	,1	.0				· · · · ·		3.9	8.
	SE		1.0	1.8	.1.3	,2	•0				1		4.6	9.
	SSE		3 .7	2.3	2.8	1,5	.2	•0	•0				7.9	12.
	S		2 .9	2.3	4.9	2,9	,9	.1	•0				12.2	14.
	SSW	3		.2.1	3.3	2.1	1.2	•1	• 1		 	i	9.6	14.
	SW		4.	1.5.	1.7	,4	.3				1		4.6	11.
	WSW				.1.1	. , 3	4.	¿2.	•0			· ·	3:2	13.
	w		8	1.2	.5.		2.		1				3,5	19%
	WNW			1.0	1.2	,6	.1	3	•0				3.8	13.
	NW		5.	1.0	:2:2.	1.0	. 8	.2					5,9	14.
	NNW	وُن		1.7	.3.1	2.5	1.2	+3	-0				9:9	14.
	VARBL							,						
	CALM	\times			><	> <	> <	> <	><	> <			2.0	
		.3.3	11.2	27.3	32,3	1544	6.9	1,2	2				100.0	.12.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $_{
m JUL~64}^{
m FORM}$ O 8-5 (QL Å) previous editions of this form are obsolete

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

09 LTION	VANCE	AFB I	OK LAHOM	A/ENID)		425	46.49-	75	£ARS			<u>M</u>	AR
		-				ALL WE	ATHER						1200 HOURS	±1.40 (L.s 7.)
		-				COM	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MŁAN WIND SPEED
	N	• 1	1.1	2.3	4.0	2.0	.7	. 2					10.5	1:3
	NNE	•2	.6	2.2	2.0	. 5	4						6.0	11.
	NE	.3	.7	1.4	1.6	3	. 1						4.5	10.
	ENE	¿Ż		1.4	1.0								3,4	. 8
	E	.2	. 8	1.8	1.0								3.8	_8,
	ESE	- 4		1.0	-6	.0							2.7	
	SE	.4	5	1.4	1.3.	3	. 1				,		3.9	10.
	SSE	42	.7	1.7	:2.6	1.5	5						7.2	13
	S	- 3	9	2.2	.4.5	3.5	2-0	.0					13.4	15
	ssw	i2	.7	1.5	2.9	3.5	1.4.	2					10.4	15
L	sw	1	.5	1.2.	1.6	7		.0					444	12
	wsw		-4.	1.0	111	. 9	3 نر .	- 1					3.9	13
	w		.4	7	. 7	. 3							3.6	_11
<u> </u>	WNW	1	. 5	1.2	111	. 6	. 6						4.1	_11
L	NW	1	66	1.2	1.9	1.2	.7	. 3	0				5.9	15
L	NHW	1	.8	1.6	3.5	3.0	1.1	2					10.3	_15
	VARBL				,			,						
	CALM	$\geq \leq$	$\geq \leq$	$>\!\!<$	><	><	><	><	$\geq \leq$	><	><	><	2.0	
		.36	10.9	22.8	31.3	18.2	8.7	Ĩ.é.					100.0	12.

TOTAL NUMBER OF OBSERVATIONS

الراب والمسترين والمسترين والمعتقد المتناور والمراكب والمتناور والمتناور والمتناور والمتناور والمتناور والمتناور

2810

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB	DKLAHON	MA/ENIC)		42-	46.49	75	EARS			<u></u>	IAR
*14160			312110			ALL WE	SAŤHER			ILARS)-1700
		-	·····			ci	ASS							\$ (L.S.T.)
		-				сон	DITION							
		-												
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.3	.3	2.4	3.9	2.0	:7	•0					10,1	13.1
	NNE	• 3	.8	2.1	.2.9	.7	.2						6.9	.11.6
	NE	• 2	1.0	1.5.	1.4	.2	. 1						444	9.9
	ENE	.2	1.3.	.2.0	.1.2.	,2	.0						4,9	9.1
	E	• 3	1.0	.1,4	.4.	.0							3,1	7.7
	ESE	-4	.8	1,4	.3	.1						<u> </u>	3.0	7.8
	SE	.5	.8	1,7	1.3	<i>i</i> 3	· • O:						4,6	9.2
	SSE	.5	.6.	2.4	.3.0	1.0	6	1		<u> </u>		<u> </u>	8:2	.12.5
	S	.2	1.2.	2.1	4.9	.3,4	1.9	· 63		ļ	<u> </u>		13,9	15.0
	SSW	0	-6	201	3,9	.2.4	9	0.		ļ			9,9	14-3
	sw	.2	5	-9	.1.3.	<u> </u>		- • 0	<u></u>				3,5	11.3
	wsw		المعنا	. 2.	,5	,3	.5		1				1,8	.16.4
		- 2		. 8	•7		42						2.8	12.8
	WNW	2	-4	1.2	.1.1	.8	. 6:			ļ	ļ	<u> </u>	4,3	13.6
	NW		- 6	1.0	2.0	1.0	5	4	0	<u> </u>	ļ	ļ	5.7	.14-0
	NNW	•1	8	1.6	3.9	2.8	1.3	,3	•0	<u> </u>			10.9	1525
	VARBL			<u> </u>	<u> </u>		<u> </u>							
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\sim	$\geq \leq$		$\geq \leq$	$\geq \leq$	2.0	
		.3.8	11.7	24.8	32.7	15:7	7.8	Ĩís	<u>i</u>				100.0	12.6
					•	•				TOTAL NU	NBER OF OBS	SERVATIONS		2769

رايي المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع ا الراجع المراجع المستقول مستور المستور المستور المستور المراجع المراجع المراجع المراجع المراجع المراجع المراجع ا

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB	OKLAHON	A/ENI)		42	46,49	-75	YEARS	<u></u>		_ <u></u>	AR.
5.2a						ALL WE	ATHER						1800)=2000 * (Lis T.)
		- -				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.6	1.8	3.3	3.0	1.3	-4	0					10.4	11.0
	NNE	.5	1.5	2.7	2.5	.3	0						7.5	9.6
	NE	.6	1.5	2.5	1.1	.3	.0						6.0	8.5
	ENE	.6	1.9	2.4	.9	.2							6.0	7.8
	E	1.1	2.2	1/7	.4								5.3	6.0
	ESE	.8	1.5	1.9	. 4	.0					1		4.7	7.0
	SE	.5	2.0	3.4	1.6		i	, .					7.7	8.5
	SSE	. 9	1.8	2.8	.3.5	.9	.3	.0					10.2	10.4
	• \$	67	2.5	.4.5	.3.5	1.6	.6						1373	.10.7
	ssw	-1	8		1.3	3	٥٠						4.1	9.9
	5W	-1	24.	3	.3.	.0	.00						1.2	8.5
	W\$W	.2	.2.	. ,4	3								1.2	9.6
	w	42	-4	1	₹2.	.2							1.4	11.5
	WNW	12	, 6.			.3		1					2.3	12.3
	NW	3	.5	.8.	141	5		, , 2		<u></u>			3.4	12.6
	NNW	12	1.3	2.1	2.6	1.6		0					8.6	12.6
	VARBL							, · · · ·						,
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	6.8	
			40.0			44.	2 2	٠,	ļ ,					1

USAFETAC $_{
m JU,\ 64}^{
m FORM}$ 0-8-5 (OL A) Previous editions of this form are obsolete

TOTAL NUMBER OF OBSERVATIONS

WSW

w NW

NNW VARBL

CALM

€

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909	VANC	E AFB	<u>OKLAHON</u>	A/ENIL)		42	<u>40,49</u>	75					IAR.
STATION			STATION	I HAN E						TEARS				CONTH
						ALL. WE	ATHER						2100	2300
		_				CL	ASS						Nons	s (L:S.T.)
		_					DITION							
						COA	Dittor							
		-												
	SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.6	1.5.	.2.9	2,3	¿7	.4.	•2	 _				8.6	11.0
	NNE	.5	.8	3.1	2.1	.3	•4			 			7:2:	10.2
	NE	.6	.1.3	2.0	1.6	.6	•1						6.1	9.6
	ENE	.5	1.2.	.3.1	.1.2.	,5							6.5	8.9
	Ε	.7	2.9	2.7	.3	.1							6.7	6.5
	ESE	1.2		3.1	-,4	.1				1			6.6	6,8
	SE	1.1	2.0			.,3	.1			ļ. — —			8.1	.8.3
	SSE	.6	.2.4		.3.4	1.3	.2.	•1					11.0	10.5
	S	7 5		.3.8	.2.5	1.2	.2	1		1			9.7	10.7
	SSW	-3				1.1					1		4.6	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

8.6 9.1

1.0

<u> 3.4</u>

8+3

100.0

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

V POTEN	ANCE A	3. 5	KLAHOM	A/ENID)		42	45,49	61,69	73-75				P.R.
		_				ALL WE							0000	-0200 (L.s.T.)
		_				CON	DITION							
SPE (KN)	rs) 1 -	. 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
		.3	lil	1.4	141	. 8	.2						5.0	11.0
NHN	iE	5	.8	1.6	1.4	2							457	9:7
N		.6	1.1	2.1	.1.5	. , 6							6.0	9,1
EN		•6	€8	:2.5	1.0	y4.					<u> </u>		5,4	9,5
ļ		,3	1.2	:2:4	.6						<u> </u>		4,7	8,0
ES	— - 	lil	1.7	:2.4	.4.						<u> </u>		5,8	.6.7
SI		1.5	3.2	.3.9	l.Ò	. 2		<u> </u>			· · · · · · · · · · · · · · · · · · ·		9:7	6.9
SS		9	2.5	.4.5	.4.1	8,					<u> </u>		12.9	9.7
s		-4	1,4	.3.7	437	1.7					ļ <u>.</u>		12:3	11.8
SS		.2	1.1	2.3	2.2	.7							6.5	10.7
		•3	•7	7		2							2.4	8+3
Ws		-2	• 4	-,5	- 94						<u> </u>		1.6	8.9
<u> </u>		4	. 9	6	. 941				<u> </u>	<u> </u>	ļ		2.4	7,1
WN		2		7	0	5		 			 		2.7	11.0
N/		.2	-6	.7	111	5	. 2				 -		3.2	11.7
NN		•2	- • 4	1.7	167	lel				 	 ` 		.5,5	12.8
CA CA	-+	—									 		9.2	
	_	\geq								\vdash				
L		8.1	18.7	31.7	22.5	.8.0	. 1/19		L	L	<u></u>	L	100.0	8.8

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANCE AFB OKLAHOMA/ENID 42-45-47-75	APR
	ALL WEATHER	0300=0500 Hours (L.s.Y.)
	COMPITION	

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
н	17	1.1	1.7	1.5	.8	.2				i		6.0	10.1
NNS	5	111	1.4	1.7	.3	.0						5.1	9.7
NE	9	1.2.	1.5	1.4								5.6	9.1
ENE	.6	1:1	1.8	1.2								4:7	8,1
E	.6	1.7	1.7	7	-1							447	7.2
ESE	.8	1.6	.3.1	lil	1							6.7	7.8
SE	141	2.5	.3.2	1.0	-0 27							7.9	_7.1
SSE	8	2:7	4.0	.3.3	7							11.65	9.2
5	5	1.7	417	4.5	1.0	1						12.6	10.5
SSW	.0	1.0	12:2	2.1	1.0	1		<u> </u>				6.5	11.5
SW	.2		7	5	2							2.4	8.9
wsw		<u> +6</u>	. 8	2							<u></u>	1.9	8:2
	-6	1.3	8		0							393	77.5
WNW	- 3	9	-6									3.3	كب21_
NW	3				- 7			<u>!</u>		ļ		3.2	_11,43
NNW	- 4	.7	1.8	2.1	9	4		<u> </u>	<u> </u>	ļ		6.2	11.09
VARBL							ļ	Ļ	Ļ	Ļ,			
CALM	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	·8 ; 3.	
	.8.7	20.5	.3G.6.	23.3	7.0	1.5						10000	8.6

TOTAL NUMBER OF OBJERVATIONS

USAFETAC $_{
m JU,~64}^{
m FORM}$ 0-8-5 (QL. A) previous solitions of this form are obsolete

13909 VANCE AFB OKLAHOMA/ENID

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL WE	ATHER							-0800 (La.t.)
		·			CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
<u> </u>		142	2.0	2.9	8	2			ļ			7.6	10.9
NNE	.8	.7	1.4		,5	.0						5.0	9.8
NE	- 4	1.0	1,9	1.4								5:2	9.5
ENE	-6	.1.0	1.4	9	:5	.0						.462	8.7
E	.8	1,4	2.2.	.7	.2							5.3	7.5
ESE	W.C.	1.6	2.6	.1.2.	. 1	.0						5.9	8.3.
SE	.5	.2.0	.3,4									7.4	.8.3
SSE	4	2.0	.3.4		.7	• 0						9.7	999
S	. ,5	1.5.	.4+4	16.4	1:4.	2		,				14,3	11.2
SSW.	- 04	.9	2.7	2.6	.1.0	.2	<u> </u>					7.8	11.2
sw	2	.7	1.2	5.	.2.	.1						2.9	9.6
wsw	1	.5.	7	-3	• 0	.1						1.7	9.0
w	3	1.6		4.	.0	0						3.4	7.4
WNW	6		1.2.	. 06		.3						4.0	10.3
NW	.5	.8	1.1	1.5	6	.2	0					4.8	.11.1
NNW	.2	6.	1.3	2.4	8	.5	.0	0				-5.9	12.8
VARSL	-				,								
CALM	$\geq \leq$	\times	\times	><	\times	\geq	$\geq \leq$	\geq	\geq	\geq	$\geq \leq$	448	
	, ,	10 2	29 0	.27	1910	2: 0	7;	• •				100.0	A . S

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET.

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.3909 STATION	VANC	E AFR D	KLAHON STATION	A/ENID			42	45,45-	75	£ARS			A	PR
						ALL WE	ATHER	·					0900 HOURS	≈1100 (L.S.T.)
					المراجع المراج	сон	DITION				and the same of th			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPFED
	N	-4	7	1.9	3.8	1.7	.6	.1					9.1	13.2
	N.1E	.1	.4	1.7	1.5	. 5	.0						4.3	11.4
	NE	.3	.6	2.0	1.5	.3	.0				Ì		4.6	10.0
	ENE	1	.7	1.8	1.4	.2.					<u> </u>		4.3	.10.1
	E	v 3	1.2	1.8	. 9	.1							4:4	1,3
	ESE	.3	.9	1.6	1.3	.3	. 0						4.5	9.6
	SE	. 3	1,1	1.9	1.7	-4	0						5.4	191.8.
	SSE	.3	. 8	1.9	3.4	. 8	- 43	•0					7.4	11.8
	\$	-,4	<i>i</i> 7	3.1	6.4	4.4	1.0	1					16.1	14,2
	ssw_	. 3	-4:	1.8	.4.4	.3.3	1.0						11.3	14.9
	SW	1	. 5	1.6	2.1	. 9	. 3						5.5	12.5
	Y/SW	.2	3	. 8	. 8	-2					L		2.3	11.0
		3	3_	5_	-7	-4	- 2						204	11.9
	WNW	-3	-4	7	111	.7			0		<u> </u>		3.7	13.3
	NW _	2			1.3	9		0					4.5	13.0
	NHW			1.7	.3.1	1.9	5				<u> </u>	<u>'</u>	8,1	12.4
	VARBL	<u></u>	<u> </u>	ļ					 ,	<u></u>	Ļ,			
	CALM		$\geq \leq$	$> \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$			2.3	
	1			1	1	1 5.00					1	1		

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

VANCE AFB OKLAHOMA/ENID

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

				ALL WE	ATHER			 			1200	← 1.40 (L.S.T.)
				CON	DITION							
4 - 6	- 6	7 - 10	11 - 1é	17 • 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEE
	.7	2.8	3.5	1,2	.4						8.9	12
	. 8	1.5	1.9	,5	- 1						5.0	.10
	.6	1.9	1.2	,2							442	9
	.9	2.4	.1.1	.1							4.6	9
	1.3	1,7	.7	•0							4:2	7
	.7	111	1.2.	,3	.0						3,4	10
	.6	2.0	1.4	.5	1						4,7	10
	.7	1.9	3,3	10 6	-1	•0					7,6	12
	, 8.	2,8	5.6	5.2	2.0	1					16.9	15
	.4.	1.7	4.2	2.9	1.3	,3	1				1111	Ţ,
	.3	.9	2.0	111	.2	.64		.,			4.8	13
	3	.7	.7	84	2						275	_11
ا ا	.5	5	.7	3		1					2.7	17
فسنساب	.3:	8	1.3	.,4	.3						3,3	13
ہے۔	-6	1.0	1.4	1.0	5	0					448	1
4	<u>-6.</u>	22.1	3 . 1	2.1	6.						8,7	. 14
<u> </u>		لرخنج	أرخض				<					
1>>	\leq	$\geq \leq$	$\geq \leq$	><	><	·><]	$\geq \leq$	$>\!\!<$	><	><	276	
lio	0.2	25.9	,33.2.	Ì7'+6	.65.0	.7	.1				Ĭ00-0	12
		0.2	0.2 25.9	0.2 25.9 33.2	0.2 25.9 33.2 17.6	0.2 25.9 ,33.2 17.6 .6.0	0.2 25.9 33.2 17.6 6.0 7	0.2 25.9 33.2 17.6 6.0 .7 .1	· · · · · · · · · · · · · · · · · · ·	,	0.2 25.9 33.2 17.6 6.0 .7 .1 TOTAL NUMBER OF OBSERVATIONS	0.2 25.9 33.2 17.6 6.0 .7 .1 100.0

USAFETAC $_{
m NJL}^{
m FORM}$ 0-8-5 (QL A) previous editions of this form are obsolete

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANC	E AFB C	KLAHON STATIO	MAZENIE)		42-	45,49	·75	rears				PR
						ALL WE	ATHER						1500	-1700 (Lis.t.)
		-				сок	DITION			•				
	SPEED (KNTS) DI2.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.3	1.0	2.2	4.1	.9	.3			<u> </u>			8.9	11.8
	NNE	.2	.7	2.0	2.1	.4	.1			 			5.5	.10.9
	NE	.3	1.0	1.8	1.2	3							4.6	9.5
	ENE	. 5	1.2	1.7	1.1	.2	_ 0						4,7	8.8
	E	. 5	1.0	1.9	.7	.1							443	8.1
	ESE	.4	-6	1.8	.9	.2	-0						4.0	9.2
	SE	. 3	.7	272	1.8	4	a1						525	10.5
	SSE	.3	.8	2.2	.3.A	1.9	- 44				<u> </u>		9.4	12.8
	<u> </u>	5	. 9	2.6	6.4.		2.3	1					17.5	14.9
	SSW	.3	<u></u>	1.5	3.2	2.8	6			ļ			8 . 8	14.6
	sw	.3	3	1 .9	1.3	.5		-0			<u></u>		3.7	12.7
	WSW	1	3	3	- • •	.3		•0			<u> </u>		1.8	13.3
	w	4	-4	. 3	5	3		.1		ļ	<u> </u>		2.1	10.5
	WNW_	ļ	- 4	6	9					ļ			2.8	14.0
	NW	.3	- 5	1.3	1.7	8	3	0		<u> </u>	 		4.9	12.3
	VARBL	-3	6	1.6	3.7	1.9		0		 			8.7	13.3
	CALM		\geq	\geq	$\geq \leq$	\geq	$\geq \leq$	\geq	$\geq \leq$	X	\geq	\geq	2.8	
		1)		1		- 1				I	1			

TOTAL NUMBER OF OBSERVATIONS 267

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

VANCE ARB OKLAHOMA/ENID 42-45,49-75

		STATION	RAME					Y	EARS			ж	ONTH
					ALL WE	ATHER						1800	⇒200
					CI	LASS						HOURS	(L.S.T.)
	_				CON	DITION							
						J.1.10A							
	_												
SPEED	1											1	MEA
(KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	SPEE
N	.9	2.0	3.0	2.5	1.1	.2						9.8	9
NNE	. 8	1.1	1.9	1.4	-,4	.1						5.6	9
NE	1.1	1.7	1.8	1.2	,5							6,3	8
ENE	.8	1.4	1.6	.8	- 1							4.7	·7
E	1.1	2.0	2.1	•6	•1	• C						5.9	7
ESE	.4	1.7	2.3	. 9	• 1	•0						5.5	7
SE	. 9	2.4	2.9	1.2.	67							8.0	8
SSE	.9	.2.3	3.4	3.9	1.4	,2						12.1	.10
S	.7	2.6	.4.3	:6.3	.1.5.	.3	2					15.8	11
SSW	4	-6	1.5.	12.1	.2			•0				4,8	10
sw	0	-4		.1	.1	.0						1.0	- 9
wsw	.1	04 ;	.3	-2	1						,	1:1	8
w	.1	,3	,3	. ;3.	. 2	.0						1:2	.10
WNW	.1	,3	, 5	3	.2	-1	•0					1.6	. 11
NW	#4	4.	.7	. 5	2	.2						2.4	10
NNW	.5	1.1	1.9	.1.6		- 0	•1					6.0	10
VARBL													
CALM		$\geq \leq$	\geq	\geq	\geq		\times	\times	$\geq <$		$\geq \leq$	8,2	
	9.2	20.7	28.9	23.9	7.5	1.3	4	, o				100.0	. 8

USAFETAC $\frac{\text{FORM}}{\text{JUL-6.4}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE COSCILETE

13909 VANCE AFB OKLAHOMA/ENID

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

42-45-49-75

	_		···		ALL WE	ATHER		 				2100 HO3 M	=2300 (L.S.T.)
				, <u>, , , , , , , , , , , , , , , , , , ,</u>	сон	NOITION				_			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	32 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
N	.7	1.3	1.4	2.1	. 9	• 2		-				6.5	10.5
NNE	.7	.5.	1.4	1.6	- 4	.1						467	9.9
NE	1.2	1.5	2.3	1.4	. 4				 			6.8	8.3
ENE	1.0	.8	2.3	. 9	.3							5.2	8.1
E	.7	272	2.2	.5		.1						5.7	7.0
ESE	1.0	1.7	3.3	1.3	.1	i						7.5	8.0
SE	.9	3.8	.3.8	1.4	.3							10.2	7.5
SSE	.4	1.8	.46	.3.9	1.4	.2		,				12-3	10.8
5	- 4	2.8	4.2	4.1	1.3					i		12.9	10.2
ssw	. 2		1.3	1.9	.5							4.5	11.2
sw	.1	- 4	. 4	.2	1							1.3	8.2
wsw	2	. 2	4.	. 3								1.1	8.6
W	3	3	5.	2	1				<u> </u>			1.3	7.4
WNW	3	. 3	. 5.		2			L				1.6	8.9
NW	-4	3	4.		3	,2		<u> </u>				2.6	11.9
NNW	4	1.1	111	. 7	. 8	. 2	1					4.5	10.9
VARBL				Ĺ <u></u>		Ļ	<u> </u>	Ļ	<u></u>	<u></u>			
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	11.5	
	0.0	100	20.1	22.4	, ä. ! i.	• * •		1 =					

USAFETAC $_{JUL.64}^{FORM}$ 0.8-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

1836

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

1642

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.3909	VANC	E AFB	OKLAHOM	AVENIC)		42	44.46	49-63	65,67	75		<u>M</u>	AY
						ALL WE	_						_)=0200 s (L.s.T.)
		-				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.8	•9	2.3	•3	<i>i</i> 2	. 1						4,5	777
	NNE	.8	.9	1.4	1.3	.1	.1						4.5	8.7
	NE	.5	1.3	1.6	.3	.1			 -				3.8	7.2
	ENE	.4	1.1	1.3	.6	. 1							3.5	777
	E	1.3	2.0	2.3	.3								5.9	6.2
	ESE	1.6	3.5	2.1	.8	.1			<u> </u>				8.2.	6.2
	SE	1.0	4.5	.4+4	1.6		i		1				11.8	7.4
	SSE	1.3	3.0	5.8	.3.6	44.							14.1	8.8
	S	1.0	2.0	3.8		.9	. 2						1275	10.2
	SSW	.3	.9	1.8	.1.7		-1		.1.				5,7	11.1
	SW	.3	<i>i</i> 3.	1.0	3	1							2.0	8.0
	WSW	;2	-4	, <u>5</u> .	4	. 1	2						1.9	10.2
	w	-4	37	. 5		.1	1		<u> </u>				1:8	6.1
	WNW	.6	. 5.	6	3	, ,			,				2.0	6.5
	NW	.4	4.	1 2	-4:		_i	,	<u> </u>				2.9	9.3
	NNW	-4		1.2	1.0								3.5	8.5
	VARBL												· ·	
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	11.6	
		1		***							1		ī	

USAFETAC $_{
m JUL~64}^{
m FORM}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANC	E AFB	JKLAHU!	MAZENIE)·		42.	444462	. <u>49≒75</u> 1	EARS				І Д У
		_				ALL WE	ATHER.						0300 HOURS	0500 (L.s.t.)
		-				коэ	DITION							
	SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.6	1.1	1.5	1.2	.0	.0						4.4	8.3
	NNE	.5	.7	1.6	1.0	.,3	.1						4.1	9.3
	Nt	-4	1.1	1.7	•9	.1							-4.1	8.2
	ENE	.3	.1.4	1.0	•6	.1	•0						3.5	7.9
	E	1.1	1.7	1.2	•2								4.2	5.5
	ESE	1.3	3.2	2.9	•5	•1							77,9	6.5
	SE	1.6	2.7	3.4	1.6	•1							9.4	7.4
	SSE	144	.3.4	5.3	.3.6	.2	•0	• O					14.0	8.5
	5	1.1	.3.2		4.6	1.0	.1						14.5	9.7
	SSW	. 4.	.9		1.7	₇ 3							4.9	9.7
	sw	.3	.9	. 1.2	•2	•1	•0						2.9	7.6
	WSW	- 1	.4.	2	-4	.1	L						1.3	8,9
	W	-6	1.1	4.	3		<u> </u>						2,5	6.0
	WNW	.7	.7	.6	-6	.0	.0		O /		<u></u>		2.8	8.2
	NW	1	.8	.7			<u> </u>						242	8.2
	NNW	<u>•7</u>	1.2	1.3	. 9	-4	<u> </u>						4.5	8.5
	VARBL	<u> </u>		L		L	L							
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	12:7	
				00'		0.0		٠ ,				i I	اهٔ ممت	14. 2

TOTAL NUMBER OF OBSERVATIONS .2058

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

13909 VANCE AFB DKLAHDMA/ENID

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION			BIATIO	MAME					,	ZARS			•	ORTH
		_				ALL WE	ATHER						0600)#0800 s (L.s.T.)
		_				CON	DITION							
														
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
		ļ			 							<u> </u>		
	N	6	- 9	2.0	1.9	-4	.0				ļ	<u> </u>	5.8	9.7
	NNE	-3	.9	1.9	1.9	- 4.	-0					ļ	5,4	9,9
	NE	1	1 il	1.5	. 8	1					ļ	<u> </u>	3.6	8.8
	ENE	-6	1.2	1.3		- 2					ļ		3.9	7.8
	E	47	1.5	1.4	5								4.1	'7.0
	ESE	101	2.4	2.4	.7	2	0		0		<u> </u>		6.9	7.2
	SE	1.0	2.6	3.2	1.3	2						<u> </u>	8.2	7.5
	SSE	8	.3.0	4.2	3.4	5	0م:						12.0	9.2
	5		1.9	5.2	-6.7	1.2	- 42						16+5	11.2
	ssw	-4	1.2.	2.7	2.9	. 8	1	.0					8.0	10.7
	sw	-4	1.0	141	-4	٥٠					<u> </u>	<u> </u>	2.9	7.4
	wsw	-4	4	. 8	. 2	0	-0	.0				<u> </u>	2.0	.7.8
	w	6		-8	2	.0	0	0					2.4	7.3
	WNW	2	_1i1	1.5	.6	.2		.0				<u> </u>	3.7	8.8
	NW	. 5	.7	. 8	.7	2		1					3.0	9.0
	NNW	-4	-4	1.3	1.7	-4	0	0					4.3	10.9
	VARBL													
	CALM		\boxtimes	$\geq \leq$	$\geq \leq$	\geq	\times	\times	\times	\searrow	$\geq \leq$		7.2	
			22 .0	25.2	124 4								200.0	0.4

TOTAL NUMBER OF OBS TATIONS

USAFETAC FORM 0-8-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB	OKLAHON	AA/ENIE)		42	44446	49-75	EARS			<u> </u>	1AY
212101		-				ALL WE	ATHER						•)=1100 * (L.s.T.)
		-				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	3	1.3	1.9	2.7	.8	. 2						7.2	10.9
	NNE	.4	.6	1.5	1.6	,4	•1						4,6	10.3
	NE	.3	.7	1,4	1.2.	.1							3,7	9.1
	ENE	• 2	.8	1,7	.8								3,5	8.4
	E	,5	1.2	1.6	•5	. 1							3.9	7.4
	ESE	•4	1.2.	1.8	.7								444	8.1
	SE	•4	1.1	2.2	1.7	3	1						5,8	9,7
	SSE	.5	.1.0	2.9	2.7	. 8	. 2			L			8.0	10.8
	<u>s</u>	5	1.2	4.7	8.5	.4,3	1.3	0					20.6	13.5
	ssw	.1	.1.0	.3.6	6.5	.2.8	.6	•0		<u> </u>			14.7	13.1
	sw	.4	.8	1.7	1.9	,3				<u> </u>			5.0	10.1
	WSW	2	.3.	.7	.8.		1				<u> </u>		2.2	10.5
	W	. 2	1.1	6	.8					ļ			.2.9	3.9
	WNW	3	.5	1.0	. , 5.		.3	1					2,7	10.7
	NW	لجعنا	-6	6	141	2	1	<u>0</u>		[<u> </u>		2.7	1111
	NNW	•2	6.	1.3	.1.9	4		.0	<u></u>				-4-7	.11.7
	VARBL	ļ					Ļ			Ļ.,	ļ			
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3,6	
	1	4 0	14'0	200	22.0	741.	2':							10.0

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS BY THIS FORM ARE OBSOLETE

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

2719

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

710H	VANL	E. AFD L	NEAUDU	NY FINT	<u>'</u>		421	74670/	47-13				- انس	IONTH
TION			HOITATE	RAME					,	YEARS				
		_				ALL WE	ATHER						1200	-1400
						CI	ASS						морка	8 (L.S.T.)
							DITION							
						COR	DITION							•
											—			
													,	
		ı — — — — — — — — — — — — — — — — — — —							 	T			·	
	SPEED (KNTS)	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	l	MEAN WIND
	DIR.] " "]			SPEED
	N	-3	.7	272	1.9	.9	.1						6.1	11.3
	NNE	-3	.1.1	1.6	1.7	•2			1				5.0	9,5
	NE	-3	6.	1.4	9	.1	.1						3.4	9:2
	ENE	3	.8	1.8	1.0	.1							3.9	8,9
	E	-4	1.0	1.2	. 8	•0							3.5	7.9
	ESE	17	1.2:	272	9	0							5.1	7.9
	SE	. 3.	1.2	2.5	1.5	2.	2						5.9	9.4
	SSE	. 8	.7	2,9	,3 , 1	. 9	. 3						8.8	11.1
	5	4.	1.4.	4.1	10.9	4.8	2.2	1					23.9	14.2
	SSW	4	9	3.0	4.9	2.2	6.						12.0	12.7
	5W		100	وفل	1.3	.6	1		<u> </u>		<u> i</u>		4.2	10.6
	WSW	2:	- 4.		7	20			<u> </u>		ļ		2.3	10.4
	W		. 441		5	1	1		ļ				2.1	. 2.8
	.WNW				- 47	- 4	0				ļ		2.5	10.9
	NW	- 43	- 461	1,00	1,43	- 64	1						3.6	10.7
	NNW	3.		135	2.1	6		-0		ļ	ļ		5.1	11.2
-	VARBL	<u> </u>		· -		<u> </u>			<u></u>	<u></u>			 	
	CALM.			><	><	><	><	$>\!\!<$	$ert \sim$	><	><	> <	2.6	
	,		1320			ĨŽ.0	• •	<u> </u>		<u> </u>			200	
 - '	نسخسنا	R - 12 2 10 1	F450	328491	:34:3	LIZeO	3.0	للهنيا	<u></u>	<u> </u>	<u> </u>		100-0	1111

JSAFETÀC ORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DOS . ETE

13909 STATION

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

VANC	E AFB (DKLAHON STATIO	A/ENIC)		42,	44446	49-75	'EARS			<u></u>	AY
	-				ALL WE	ATHER						1500	-17
	-	,			CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4-0	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	ME/ WIN
N	.3	,9	2,2	2.3	•2	.1	.0					6.2	10
NNE	.4	.7	2.3	1.9	, ì	•0						5.4	9
NE	• 1	. 9	1.8	.7	• 1							3.7	
ENE	.4	.5.	2.1	. 8	•0							3,8	
E	.7	.7	1.7	,5	Ų.							3.7	7
ESE	-4	1.0	272	. 9	2							4.6	6
SE	6	1.2.	.3.0	2.0	.2							7.0	. 9
SSE	.3		446	.5.1	1.7	2						12.9	.11
5	. 6	. 1.4	4.7	10.3	5,4	1,19				<u> </u>		24,3	13
ssw	•1	.8	1.9	.3.6	1,5	2				<u> </u>		8.2	
sw	.2		.7	9		3				<u> </u>		2.5	12
WSW	2	-6	,9	3	- 12.					<u> </u>	<u> </u>	2:2	
w	- 4	- e.4·	. 5	- 03		al				ļ <u>.</u>	<u> </u>	1.0	
WNW	1	<u> </u>	1.0	8	. 2		.0			<u> </u>		2.6	10
NW	- 1	<u> </u>	1.2	9	3	- 40		0	<u> </u>	<u> </u>		3.1	-10
NNW VARBL	- :2	,5	1.8	2.0						 	 	5.3	1.
CALM	>>	$\supset \subset$	>>	>>	$\overline{}$		>>	\Rightarrow	>	$\overline{}$	>>	277	
	5.1	11.8	32.7	33.4	īiii	2.9	.i	.0		جب		100.0	Ĭ

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

,

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB	DKLAHON	A/ENID	<u> </u>		42	44446	49-75	YEARS			<u>N</u>	AY
						ALL WE	ATHER			<u> </u>			1800 HOVE	2000 (Lis.t.)
						CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N		1.6	2.2	1.4	3	.3						6.2	9.2
	NNE	. 8	1.5	2.3	1.0	•0							5,6	777
	NE		1.0	1,4	•6	.1					<u> </u>		3.6	7.8
	ENE			2.4	-4.								5.3	6.7
	E	1.4		2.4	.5	.1				1	i		5.8	6.6
	ESE	1.1	2.4	2.4	1.0	.1						i	7.0	7.2
	SE	. 6		.4-3	2+3	al						·	10.1	8.4
	SSE	.1.1		6.8	6.2	1.6	ai	Q				\ 	1963	10.1
	S	1.0	2.8	5.7	.5.9	2.0	.3						17.6	10.7
	SSW		3 .7	1.5	- 4	.3							3.1	9.0
	sw		2 -6	.3	.2	•							1.3	7.1
	WSW			.3	• 0	.0							.5	8.2
	W		3 1	.2	:2	0					i		1.0	6.3
	WNW		2 42	.3	73	1							111	9.3
	NW	43	3 .5	.6	. 3	1							1.7	7.8
	WNN		3 111	1.5	9	. 1							4.1	8.2
	VARBL				•	-								
	CALM	\times	$\supset <$	$\geq \leq$	\geq	\times	\times	X	\times	\geq	$\geq \leq$	$\geq \leq$	6:4	
		1		1. 1										

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OF SOLFTE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YAN	NCE AFB. L	IKLAHUN STATION	MANE NAME)		421	44-46	49-75	YEARS			_ <u> </u>	IAY IONTH
	_				ALL WE	ATHER	····	<u></u>				210U	
	-				сон	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEA WIN SPEE
N	1.0	,5	.9	1.0	.3	•2						4.0	9
NNE	.8	-8	1.3	67	•1							3:7	- 8
NE	.7	. 8	.2.3	e4·	•1							4,3	
ENE	.5	1.4	.2.1	.5						!		4.5	_ '7
E	1.0	2.3	2,8	.5	.1							6,7	6
ESE	1.2	.2.4	2.6	.5	.1							6.8	_ 6
SE	1.6	4.3	7.1	.2.7	.2			,		,		16.0	7
SSE	.7	3.5	6.5	47	1.0	. 3	- 0]	I				10.6	9
5	1.1	2.9	.3.2	.3.5	1,6	2						11,5	9
ssw	.5	1.1	1.3	.8	. ,3	1						349	8
sw	,4	.7	.5	1	1	1						1.77	6
wsw	2	.2.	.3	•2	. 1							.8	7
w	.7	44	1			1						1.2	- 6
WNW	.4	5	.3		.2	1						1,6	8
NW	5		.,7	6.						<u> </u>		2.5	8
WNW		.1.0	1.2	6	. 1				<u> </u>			3.6	7
VARBL CALM									$\overline{}$			10,6	
	Ĭ1.9	23,3	32.1	17.0	3.1							Ĩ00.0	'n.

TOTAL NUMBER OF OBSERVATIONS 1911

USAFETAC FORM 0 8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB C	KLAHOM	A/ENIC)		42	46,49	75	EARS				UN
SIAIAM		_				ALL WE	<u>ATHER</u>						0000)=0200 • (L.s.T.)
		_				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	,3	.6	.9	.5	3	.1	.1			 		2.6	9.8
	NNE	.3	.5	•9	.2	.1		.1					2.0	8.2
	NG	.7	1.5.	1.4	.5.	•1							4.0	649
	ENE	.3	1,1	1.2	.7	,1							3.5	7.9
	E	1.1	1.8	2.0	•4.	•1							5,4	6.5
	ESE	1.3	/3.1	2.6	1.0								8.0	6.6
	SE	2.4	6.1	.5,5	1.0	,2					_		15.1	6,5
	SSE	1.7	4.7	.8.0	.4.4	,5	-1						19,3	8.5
	S	1.5	2.4	.6.0	4.7	1,5	5	• 1		l			16.8	10.4
	SSW	.5	.1.1	2.8	. 2.2	1.0	.2	1			[7.9	10.8
	sw	-3	.3.	.6	5	.5.	1						2.0	9,3
	WSW	1	.2.	2.	2.									9.8
	w	.2	.3			1			1	<u>. </u>			1.1	9,5
	WNW	.2	3	-1		1						<u> </u>	1.0	. 9.5
	NW	3	لمعتب	3.	1						<u> </u>		9	6.9
	NNW	3		5	2.	-1	1	<u> </u>					1.8	7.8
	VARSL	L	<u> </u>				<u></u> ,	L		L				
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	7.8	
		11.8	24.6	3373	16.9	4.4	1.0	2	. 1				100-0	7.7

TOTAL NUMBER OF OBSERVATIONS

1743

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	_ <u>VANU</u>	<u>e açb l</u>	STATIO	HAME	/ <u>-</u>	ALL WE		40207	,	ZARS			0300	014 0000 0000 (L.S.T.)
		-				сон	DITION				·			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.7	1.0	.9	.6	.1	0						3.3	7.4
	NNE	.6	.7	.4	.6	.3				i			2.7	8,3
	NE	1.0	1.3	1.3	.5	.1							4.2	6.8
	ENE	.4	1.4	1.7	.4	. 1							4.0	7,5
	E	.9	1.2	2.0	.3	.0							4.5	6.7
	ESE	1.2	2.3	2.7	. 5.								6.7	6.4
	SE	1.7	4.8	4.8	. 9	.0	0				<u> </u>	, ,	12.3	6.7
	SSE	1.6	5-4	7.1	2.1	.4,							16.7	7.6
	S	1.4	.4.2	7.5	15.5	1.1	. 2					<u> </u>	19.9	9.3
	ssw	.4	Īil	2.3	2.1	1.1	.0			,			7.2	10.7
	SW	. 5	.6	. 9	2	• •							232	6.4
	WSW	.3	- 5	8	12	.0	<u> </u>				<u> </u>		1.8	77.5
	W	. 5	- 7	<u>,4,</u>		0.			ļ				1.8	.5.8
	WNW		5_	<u> 6</u>		0				<u> </u>			1.9	6.9
	NW		3	2	- 2	0						<u> </u>	111	6.4
	NNW .	- 2	4.	5	-4	1					<u> </u>		1.8	8.9
	VARBL		<u> </u>					<u></u> ,	Ļ,	Ļ,		Ļ.,		
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	8.1	
		11		1	1				1		1	1		

TOTAL NUMBER OF OBSERVATIONS 2090

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

2610

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

VANCE	E AFB O	KLAHOM	A/ENIC)		42	46,49	75	YEARS				UN
				·	ALL WE	ATHER	···········					0600	-0800
					COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	,3	1.0	1,5	•7	•2	.0	•O					3.8	8.9
NNE	.5	.7	1.5	.9	.2							3.7	8.6
NE	.3	.1:1	1.8	• 5	0	.1	-					3.7	8.2
ENE	•6	1.0	1,6	.4.	.2							3,8	7.8
E	.6	1.5	1.7	6	•1							4,5	7.4
ESE	.6	.2.2.	2.4	1.0	^1							6.3	7.6
SE	1.0	:2.4	,3.8	1.2								8,6	7.4
SSE	1.0	3.2	.5,8	2.9	. 5	• 0				T		13.4	8.6
S	1.2	-3.1	7.06	7.7	.1.8	4						21.8	10.6
ssw	.4	.1.3	.3.1	.4.8	2,1	17						12.5	12.6
sw	.2.	1.0	1.2	<i>i</i> 7.	,3							3.4	8.9
wsw	• 1	•6	.8	5	• 1	٠,					-	242	8.6
w	3	.6	.3.	.3.								1.5	6.2
WNW	* 5	.4	,5.	• 1						L.f		1.2	6.3
NW	.2	. • 3	. , 3	2.								111	7.4
WNW	. #4	.6	7	1.0	2.	.0	<i>~</i> *					3.0	9.8
VARBL													
CALM	> <	\times	$\geq \leq$	\geq	\times		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	5.6	
	8.0	21.0	24 6.	/22 :E	i a	1 , 3	. .0				•	Ĭ00.0	9 - R

USAFETAC $_{\rm JUL~64}^{\rm FORM}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB C	KLAHOM	AZENID			42-	46,49-	75	YEARS				UN
• In IIV		_				ALL WE	ATHER LUSS						0900)=1100 • (L.s.T.)
		-				сох	PITION		,					
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 • 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.3	.7	1.4	1.4	:2	.1						4.0	10.1
	NNE	-4	. 8	1.9	141	.1							4,3	8.7
	ИE	4	67	1.2.	: 27	. i							3.2	8.6
	ENE	•3	. 9	1.7	.5	•							3.3	7.8
	E	-6	1.0	2.3	5	.1							4.6	7.8
	ESE	.3	1.2.	1.6	1.0	. 1							4.3	8.7
	\$E	4	1:2	2.3	1.7	1	,		,				5.8	9.2
	SSE	5	î.i	.3.5	2-6:	4.					-1		8.4	9.8
	S	.9.	1.9	5.6	9.4	2.9	8:	00					21.4	12.1
	ssw	.5.	1.0	4.2	8.9	4:2	1,3	. 1					20.3	.13.7
	sw	-4	~ . 8	1.8	2.5	. 8	1						6.4	11.4
	wsw	-3	. 6.	1.2	-8	1							2:9	9.0
	w_	.4	.6	. 9	41		.0.						2.4	7.6
	WNW	.2	-4	6	3	1	l			н.			1.6	8.4
	NW	. 3	. 3			. 0							1.7	8.4
	NNW	4	44	<i>i</i> 7	77	. 22:				<u> </u>			2.4	9.4
	VARBL													
	CALM		\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$.3°0	
	P	H		7.5				٠. ا	!	I .		1	1	3

TOTAL NUMBER OF OBSERVATIONS 2766

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909	VANC	E AFB	KLAHON	MA/ENIC)		42	46,49-	75				J	UN
STATION			STATIO	N NAME					,	TEARS			·	NTH
		_				ALL WE	ATHER							-1400
						Ci	LASS						HOURS	(L.S.T.)
		-				сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	• 5	.8	1.4	.1.3	.3	.1				 		4.5	9,8
	NNE	•4	.8	1.6	.1.2.	,1							3.9	8.7
	NE	.5	.6	1.6	1.0	.0					<u> </u>		3.8	8.6
	ENE	.3		1.4	.5	.0							2.9	8.0
	E	.3	1.0	1.9	.9								4.1	8.1
	ESE	.3	1.0	1.9	•6	•1							3.9	8.0
	SE	4		2.8	.1.4		•0						6.2	8.8
	SSE	,5	.1.3	4.0	4.0	.6	1	. 1	,				10.6	10.5
	S	. , 5	1.9	6.5	11.6	.3.7	1.3	•0					25.5	12.8
	\$\$W	-4	. 8	.3.7	8.0	.4.3	.8	.1					18.3	13.8
	sw	. 3	.5	1.7	1.8	. ,4	•1						4 : 8	10.5
	WSW	. 2	J4.	.4	•5	1							1.7	.9.4
	w	.4	,5	.6	2								1,7	6,6
	WNW	1	-4	4	.3	.0							1,3	8.1
	NW	62	.4	7	5	0							1.8	8,6
	NNW	.3	4	.6	5								2.1	9,4
	VARBL									L				
	CALM					><	><	$\nearrow $	><		$\geq <$		279	
			12.0	21.2	34 4	10'2	(2' k		,				inn.	10/7

USAFETAC $_{
m NR-64}^{
m FORM}$ 0-8-5 (QL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

) 9	VANCE	AFB (OKLAHOM	ALENID			42=	46,49-	75 Y	EARS				UN
		-				ALL WE	ATHER						1500 HOURS	-1700
		-				сон	DITION							
ſ	JPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.3	1.0	2.0	1.4.	.1	.0				l		4.8	9.3
ľ	NNE	• 5		1.5	1.0	.1							3,8	8.6
	NE	• 2		1.3	•6	•1		•0					3.2	8.8
	ENE	.3		1.1	.8		• 0						2.9	8.9
	E	. 3	1.0	2.1		.1							4:2	8.1
	ESE	. 4	1.0	2.4	1.7	1							5:5	9,3
L	SE	<u> </u>	1.1	3.0	.2.1	. 44.							769	9.7
L.	SSE	7	1.3.	.447	.6.3.	.2.0		استند					15.1	.11.5
	S	. 6		5.1	12-4	0.60	1.2	1					27.5	13.6
L	ssw	- 42	1 7	2.4	16.0	3.0	6		0	<u> </u>			13.0	13.9
L	sw	1	-6	1.0	8	2.	0				[2:7	.9.9
-	WSW	2		- 44									1.0	8.3
ļ			- 45	-4	-42		<u>. </u>				ļ		1,3	7.9
ļ-	WNW	<u></u>		5.	- 42								1:3	7:7
-	NW	3		5		- +0					 		1.0	7.4
-	NNW .	2	-4:			.3		<u> </u>	0		 		1:2	9.3
-	VARSL	-	\leftarrow	$\overline{}$									2.7	
ļ	CALM													حمدت
	I	4.8	12-4	30.2	34.8	12.6	2.1	. 3	· 1	•		,	iooso	îīxï

TOTAL NUMBER OF OBSERVATIONS 271

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETI

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

9 1	VANCE	AFB	DKLAHOM	A/ENIC)		.42-	46,49	75:	EARS			<u> </u>	UN.
		-				ALL: WE	ATHER						1800	₩20 (L s.T.
		-				CON	DITION							
(KI	PEED NTS) DIR.	1 - 3	4-6	7 - 10	11 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEA WIN SPEE
	N	. 8	1.0	1.1	•9	.3				-			4.1	8
	INE	• 5	.7	1.7	•4	.3	.0						3.5	- 8 - 7
	NE	.4	.8	1.0	.4								2:7	7
E	NE	-4	.7	1,8	.8	•1							3.8	8
	E	•6		3.0	•4		•0						6.3	6
	SE	1.2	.2.2	3.8	.8	• 0							8.1	.7
	SE	•6	.2.3.	5.8	:2.9	. , 2	. 1		`				11,9	. 8
	SSE	. 8		.6.9	·9 • 8	1.6	. 2.						21.9	.10
	\$. 5	2.3	.6.0	10.4	.4.0	. ,19	•0					24.2	.12
s	sw	•2		.1.7	.2.7	4	.2.	- •0					5.7	.11
	sw	•0		5.	• 3				0				1:2	8
<u>v</u>	/sw_	- 2	.1	. , 3.									- 45	. 5
ļ	w	. 1	.1	•2,		.0	<u>. </u>							
<u> </u>	WW	• 2	.0	•1	.0	. 0							- 04	6
<u> </u>	W.	.2		2.	•0			l						. 8
N	NW	• 1	.5	,5	2	. 0							1.4	.7
	ARBL					, .					,			
С	ALM	><	$\geq <$	\times	><	\searrow	><	><	><	\rightarrow	$\geq <$	><	323	
		7.0	16.7	34-5	30.0	. 16:29	1.5	ī	٥٠٠٠				100.0	9

TOTAL NUMBER OF OBSERVATIONS .2367

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB C	KLAHDM	A/ENID)		424	46.49	75	rears				UN
		-				ALL WE	ATHER						2100 HOURS	=2300 (L s.T.)
		_				сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	23 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.5	1.0	• 7	.3	•0							2.5	6.5
I	NNE	.1	- 9	.9	3	.0	• 0						2.4	860
[NE	1.0	1.2.	1.2	.3								3,8	6.4
[ENE	.4	1.3	1.5	.5								377	7.2:
	Ε	1.4	2.3	2.7	-4	0				Ĺ			6.9	5.5
[ESE	1.6	.3.1	.3.5	1.0	•0							9,2	6.7
Į	SE	2.1	7.2	. 7.4:	1.7								18.2	6.8
	SSE	1.5	437	9.7	6.9	1.1	3						24+3	9.4
Į.	s		2.5	.5.4	4:19	1.6							1575	10.7
	ssw	<u> </u>	.8	1.7	1.1	1					<u> </u>		4.0	9.4
Į.	sw		.2.						·					6.0
1	WSW	1	<u></u>			.0							3	7.3
L.	w		2.	2			-	<u> </u>					.7	7.8
ļ	WNW	1	.2		0						<u> </u>		6	8.4
1	NW		- 2	~ 0 0	0		0						- 6:	8.0
Į.	NNW				0	0		<u>-</u>		<u> </u>			.5	·7.2
1	VARBL	ļ		. ,					ļ					
	CALM	$\geq \leq$	$\geq \leq$	><	\times	\times	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	6.3	
		10.0	26.1	35.4	17.7	344	1,1						100.0	7:7

TOTAL NUMBER OF OBSERVATIONS 2026

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.3909 STATION	VANC	E AFB D	KLAHOM	AVENI)		42	46.49-	·63 · 66·	i75				UL
		_				ALL W	ATHER						0000	=0200
						сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	. 8	.7	.4	.3	.1							2.2	5.8
	NNE	•7	•6	.6	,3	. 2							2.3	7.0
	NE	.3	.7	.9	.3								2 4 3	7.2
	ENE	1.0	1.9	1.7	.3	1						l	5.1	6.4
	E	1.3	:2.1	1.9	2	1							5.7	6.0
	ESE	1.6	2.9	2.6	. 2	1							7.4	6.0
	SE	.3.4	4.9	5.0	1.1								14.3	6.1
	SSE	2.7	.4.5	7.5	2.7								17.4	7.4
	S	2.4	.4.5	7.3	.3.6	4							18.2	8.0
	ssw_	1.0	1.9	3.9	1.9	. 1							8.7	8.1
	sw	8	.7	1.2	.3	1							3.1	6.7
	WsW	-5		•2									7	3.7
	w	3	.3	.3	-1								9	6.1
	WNW	.2		3	1	-1							.6	7.5
	NW_	.2	2	. 3	1			1					.7	.7.9
	NNW	-4	1	.7	2	.2		[1.6	8.3
	VARBL													
	CALM	><	\times	> <			$\supset \subset$		\sim	\sim	$\supset \subset$		8.7	

TOTAL NUMBER OF OBSERVATIONS 1802

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909	VANC	E AFB	OKLAHON	MA/ENIC)		42	46,49	75					JUL
HOITATE			SIATIO	A MARE		•	_ <u> </u>		,	TEARS				
		-				ALL W	ATHER.			····			0300	0500 • (L s.T.)
						_							NO G	, (1 2,
		-				con	DITION				_			
	SPEED (KNTS)	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND
	DIR.		1.0	,	"," "	" - 2"	1	20 - 33	34 - 40	"""	45 . 33	-30	~	SPEED
	N	1.0	.6	ø 6	.3	.0	•0						2.6	6.6
	NNE	.7	.6	1.0	.4								2.7	6.7
	NE	.7	1.3	111	•3	•0							3.4	6.4
	ENE	.1.1	1.3	•9	.1					i			3.4	
	E	1.6	.2.2	1,6	•2								5,5	5.4
	ESE	1.7	12.8	2:1	-4								7.0	5.8
	SE	2.7	4.2	-3.7	.5	1				i			11.2	
	SSE	2.7	.4.8	5.0	1.2								13.7	6.4
	S	2.4		7.5	.4.2.	.2		•0					19.4	7.9
	ssw	1.4		4.0	.2.1								10.2	
	sw	-,6		1.4	. 1	.0							4.0	6,3
	WSW	.2		7	-0							•	1.8	6.2
	w	•3	.6	3									1.2	5.0
	WNW	.3		3	.1								1.1	6.3
	NW	-4	.5	4.	•Ô								1.3	.5.3
	NNW	6		.4	•2	0							1.6	6.2
	VARBL				_									
	CALM			$\geq <$				><	><		><		10.0	
		18.4	20.6	31.0	10:3			٠, ٥					.i.ooo	6-0

USAFETAC JUL 44 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CONTRACTOR CONTRACTOR

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANC	E AFB C	KLAHOM	MAKENIE	}		42-	46,49-	75	TEARS				LONTH
		_				ALL WE	ATHER						0600 RUON	90800
		-				сом	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 1	- 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.5	.8	.8	•2								222	6.3
	NNE	.5	1.4	1.0	.7	.1	•0						3.6	7.6
	NE	•7	1.2	1.2	-5	.2	.0						3.9	7.6
	ENE		1.3	1.5	, Ĝ:	7.7	.0						3.9	6.7
	E	.9	1.5	1.6	.5								4.5	6,5
	ESE	1.1	1.7	1.9	6								5.2	6.7
	SE	1.5	.3.1	.3.2	141								8.9	6.7
	SSE	1.9	.3.8	5.1	2.1	.2				i	!		13.0	7.3
	5	1.5	4.3	8.2.	5.3	6.							19.9	8.9
	SSW	.9	2.3	-444	5.3	.8	1				,		13.8	10.1
	sw	.6	1.3	272	1.4	.1							5.5	8.3
	WSW	-4	.6	.8	5	.0							2.4	7.7
	W	.5	. 8	.9	.1	-0							2.3	642
	WNW	-4	.5	2	.0	,0							1.2	5.1
	NW	-4	-3	2		.1							9	6.0
	NNW	.3	.77	.6	•0								1.6	5.9
	VARBL													
	CALM		\geq	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	\geq	\geq	$\geq \leq$	$\geq \leq$	7.0	
		1	1	· .					I	I	1	· · ·		

TOTAL NUMBER OF OBSERVATIONS

USAFETAC NRM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANC	E AFB C	KLAHOM	A/EMID	<u> </u>		42-	46,49	75.	EARS			<u> </u>	IUL
						ALL WE	ATHER						0900	-1100
						CI	ASS						HOURS	(L S.T.)
						EON	DITION							
		~												
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	: EAN WIND SPEED
	N	-4	1.0	1.2	.5								3.1	7.1
	NNE	•3	.8	1.1	6	,1							3.0	8.1
	NE	•7	.8	1.4	67	.1							3.7	7.9
	ENE	.6	.1.4	1.7	.7	,0							464	7.4
	Ε	.7	1.4	1.4	.7								4:2.	7.2
	ESE	•6	1.6	1.8	5								4.5	6.9
	SE	.8	.1.8	.2.1	1.2	.0							5.9	7.6
	SSE	1.0	1.7	3.3.	1.7	.1							7.8	8.2
	\$	1.2	.2.7	6.7	5.9	111							17.9	10.2
	SSW	8	2.0	7.3	8.8	.2,3	,2					l i	21.5	.11.4
	SW	- #4	1.4	.4.1	13.8	9	0						10.7	10.5
	wsw	.7	1.1	1.2	.2.1	2							5.4	9.4
	w	3	9,	,5	5	. 1							2.2	7.6
	WNW	.2	5			.0							1.1	6.1
	NW	-4	-6	.3	1	•0							1.4	5,8
	WNW	.1	. 3	6	.2	.0							1.2	8.3
	VARBL		, ,					<u> </u>						
	CALM	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	\geq	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	><	232	
		.9.3	19.8	35.0	28.0	5.1	.6					-	100.0	.9.1

TOTAL NUMBER OF OBSERVATIONS 2813

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.3909 STATION	VANCE AFB		OKLAHOM	A/ENIC	<u> </u>	42-46-49-75							JUL	
		-	ALL WEATHER									1200=1400 NCURS (L.S.Y.)		
		•	CONDITION .											
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	-4	1.0	1.3	3	1	.1						3.2	7.8
	NNE	• 2		1.2.	.7	.3			 	i			3.3	9.0
	NE	-4		1.9	1.0	.0.							4.3	8.3
	ENE	.4		1.9	.5	.0			<u> </u>				3.8	7.5
	E	.9	1.8	2.1	.6								5.4	6.6
	ESE	. 9		2.1	5	.0							4.8	7.1
	SE		1.5	2.8	.9	-1							6.0	7.8
	SSE	.7	2.5	.5.4	2.9	2	1						11.8	9.0
	S	1.2		77.8	8.0	1.8	. 3						21.9	10.7
	ssw	5	1.3	6.1	7.6	2.0	. 6						18.1	11.9
	sw	-4		2:2.	2.6	-4							6.4	10.5
	WSW	4	1.0		.1.0	.2		<u> </u>	<u> </u>				3.2	8.9
	w	2		7	2				<u> </u>				1.9	664
	WNW	-3	1 -6	2				<u> </u>	<u> </u>				1.0	5,4
	NW			3	2.	.0		ļ		<u></u>			1.0	7.6
	NNW	1	2	-4-	.0	.1		ļ					. 9	8.0
	VARBL		ļ.,							<u> </u>	<u>i</u>		<u> </u>	
	CALM		\searrow	><	><	><	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.0	
		8.1	18.4	37.0	27.1	5.3	1:1						Ĩ00×Õ	9.2

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{FORM}}{\text{JAR 64}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION		E AFB C	KLAHDA	<u>ia/enic</u>			42-	46.49	-75	EARS .		 		UL:
3,21,01						ALL WE	ATHER		· · · · · · · · · · · · · · · · · · ·				1500)=1700
						C.	~**						ROOK.	, (6 •,
		_				CON	DITION							
	SPEED (KNTS)	1 · 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND
	DIR.	'	4.0	/. 10	11.10	17 - 21	22 - 21	26 - 33	33	*****	40.33	230	~	SPEED
	N	.2	.8	1.0	.4.	.3	.1		<u> </u>				2:7	9:0
	NNE	.4	.8	1.3	1:1	,3	•0		1				1399	9,0
	NE	.4	.6	1.8	9	.1							378	" 8 ")
	ENE	.5	.1.3	1.9	.9	.1							447	3061
	Ε	.8	:2.2	1.6	.6	.1	.0						544	4.3
	ESE	.7	1.7	.2.6	•.6.		• 0						6.0	.775
	SE	1.0	2:2	3.1	1.8	1	0	-					8:2:	8.1
	SSE	.9	1.9		4.5	. 8	1	·					1461	.10%0
	\$.6	.2.5	7.8	10.8	2.3	.,3						2444	11.5.
	, SSW	.1	1.3.	.4-6	7.3	.1.8	3	,				. 1	15.5	1222
	SW	.2	.4.	1.3	.1.4		0.	,	T				3.7	11:0
	WsW	2	.3	.8	4	1	1 4						1.8	9.1
	W	.3	.,5	.3	.0	. 1							132	6.3
	WNW	.2	.3.	.4	11								.9	6.3
	NW	2	3.	2	.00	, gi Q	,	,		,	., .		. 8.	6.1
	NNW	1	4.		1									6.8
	VARBL	1												
	CALM	$\geq \leq$	$\geq \leq$	\ge	\geq	\geq	\geq	\mathbb{X}	$\geq \leq$	\geq	\geq	$\geq \leq$	232	
		6.4	17.4	22.0	31.3	4'4	à	,			, , , , ,		10000	0.7

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TATION	_ VANU	F ALR	UKLAHU!	JAVENTE	<u>'</u>		42	40144	72	TEARS				IONTH
		_		*		ALL WE	ATHER			· · · · · · · · · · · · · · · · · · ·			1800	=2000 (Lis.T.)
		-				сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.6	.3	5	.3	.1		0					1.8	7.6
	NNE	.3	.6	1.0	.3								273	8.1
	NE	.4	.7	1.8	6	.1							3.7	8.0
	ENE	.7	1.7	1.8	4.	.0							4.5	6.7
	E	1.4	1.8	2.1	. 5								5.9	6.5
	ESE	1.2	.3.0	2.9	1.5	2							8.9	7.4
	SE	1.3	.3.0	.6.0	.3.4	4							14.1	8.6
	SSE	1.3	.3.3	8.5	.6.7	. 6	.2						20.5	9.7
	\$	1.0	2.5	7.5	9.6	1:1	.2	0					21.9	10.7
	SSW	5	1.0	.3.1	3.1	. 8	,						8.4	10.6
	sw	0.	. 2.	6		0	0			<u> </u>			1,4	10.1
	WSW	1 .1	2.	. 2									-6.	6.8
	w	<u> </u>	<u>. Ž</u>	3		-0					<u> </u>		- 7	6.7
	WNW	1		1		<u> </u>				-0		<u> </u>	5	10.2
	NW	<u>i2</u>		0		.	ļ			<u> </u>				3.6
	NNW	2		- 4		0	0	.0					1.0	8.7
	VARBL	L	<u></u>		<u> </u>	ļ	Ļ <u> </u>			<u> </u>	L —			
	CALM	$\geq \leq$	\searrow	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		><	3.6	
		1		-	T			1		1			· ^	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $_{
m JUL~64}^{
m FORM}$ 0-8-5 (QL. A) previous editions of this form are obsolete

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	E AFB C	KLAHUN STATIO	IA/ENIL			42-	46249	-75	YEAR\$. 	ONTH
	-				ALL WE	ATHER						2100 HOURS)=230 <u>(</u> • (£.s.t.)
	-				CON	DITION			······································				
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	-4	5	.1		.1						1.5	7.1
NNE	•4	.6	.5	.4	•0							2.0	77.2
NE	• 9	1.0	1.6	•1	.1	•0						3.7	6.9
ENE	.6	2.1	1.9	.2	.0			i		 		4.9	6.5
Ε	1.7	2.9	1.7	.2	.1				1			6.7	5.7
ESE	1.8	.2.8	.3.1	8								8.6	6,4
SE	.3.6	5.1.	9.6	1.9	0	,			1	,		19.2	. 6.9
SSE	.3.2	6.2	9.1	.4.1	.4.			·				23.0	7.
S	1.7	3.7	:7.8	3-6	. 43	0		1				1771	8.4
ssw.	.3	6	2.5	8.								4.5	. 9.4
sw	.3.	2		2								1.2:	7.0
WSW	.4	•	0						,			41	i3.0
W	أهن	0	1									3	5.3
WNW	.0	.1				ĺ		L				1	3.7
NW		.0		0	1				<u> </u>			-4	10.4
WNM	1	1	1	<u> </u>		0		<u> </u>				.4	.7.9
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	5.9	
						7 ±			1	T		7	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB C	KLAHOM	IA/ENIE)		42.	46,49	63 65	72=75			<u> A</u>	UG
•••						ALL WE		·					0000	+0200
						сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.3	.7	7									1.7	6.0
	NNE	.3	.6	1.2	.4	,2	.1						2.9	6.0 8.8
	NE	.7	1.0	1.4	.9	1							4.1	77.5
	ENE	,4	1.0	1.5	.4								3.3	7.1
	E	1.2	1,3	1.6	.5								4.7	6.3 5.1
	ESE	1.3	2.8	1.6									5.7	5.1
	SE	2.4	5.6	.5.2.	9				,				14.0	6.2
	SSE	2.0	.6.6	7.6	1.9	.2							1842	7.0
	S	2.0	4.6	.9.2.	2.9	2							18.9	7.9
	SSW	6	.1.5.	4,9	.3.1	.2		• 1					10-4	9.2
	sw	.3	111	.1.0									2.3	6.3
	wsw	.2	- 3			<u>.</u>							-6	5.0
	W	3	2		<u> </u>				<u> </u>				6	5.0 4.2
	WNW	5	.2			.1					<u> </u>	<u> </u>	.8	:4.5
	NW	2.	3	1	2		<u></u>	1		<u> </u>	<u> </u>	<u></u>	.8	8.2
	NNW	3	3				<u> </u>	<u> </u>	<u> </u>	<u> </u>			7	5.6
	VARBL	1	<u> </u>			<u> </u>	<u> </u>		<u>. </u>		<u> </u>	<u> </u>		
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	10.4	
		13.1	28-0	36.2	11.4			i].		100.0	-6-4

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TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB	DKLAHDM	A/ENIC)		42.	46,49	75	YEARS			A	UG
JIAINA						ALL WE	ATHER							0500 (Ls.T.)
						COM	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N		5 .9	1.0	-3	,1				1			2.7	6.8
	NNE			1.1	. 5	.0	•0						4.0	6.9
	NE			1.4.	.4	•1							3.9	667
	ENE	1.00	1.1	.7	32								3.1	5.4
	E	1.5	2 1.0	1.2	i 2								3.5	5.8
	ESE	1	5 - 2.0	1.6	.3	.0	<u> </u>						5.4	5.6
	SE	20!	34.7	.3.7	. 4.								11.3	5.7
	SSE	2.2		.6.1	8				<u> </u>				15:3	5.3
	5	20		.6.4	.2.4	2							18.7	7.0
	SSW		2.8	5.0	2.0	.1	[10.8	8.1
	sw			1.5	3				L				3.9	6.3
	WSW			. 3									131	5.4
	w				- • • •				ļ				9	5.2
	WNW					0	ļ			ļ			1.0	5.3
	NW:	, e	3	2	<u> </u>	<u>•0</u>							1.4	7.8
	NNW		2 3	- +5	<u>i</u>				<u> </u>	ļ	ļ		 141	7.0
	VARBL			<u></u>					<u> </u>		ļ			<u> </u>
	CALM		\searrow	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	11.8	
		16.	32.0	37.0	8.3	7	.0		7		<u> </u>	1-1	100.0	.5,8

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

909 STATION	VANC	E AFB O	KLAHOM STATION	A/ENID)		42	46,49	75	TRARS		*	A	UG ONTH
						ALL WE	ATHER							-0800 (L s.T.)
						CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
1	N	,6	.8	.9	.4	1							2.8	6.9
1	NNE		1:2	.9		.1							3.6	7.3
1	NE	.9	1.8	. 9	.5	.1							4:2	6.5
[ENE	-6	1.7	1.8	•3	.0	•0						4.5	.6.8
	E	1.2	1.4	1:1	,4.								4.2	5.8
1	ESE	1.7	2.1	1,7	- 4.								5,9	5,
1	SE	2.1	.3.3	.3.8	6					<u> </u>	ļ		9,8	6.7
}	SSE	1.8	.4.7	5.9	.1.7	1							14-3	7.
]		2.8	.4.9	8.2	3.6	.3				<u> </u>			19.8	7.
	ssw	161	2.4	4.4	3.8	.3				 			11.9	9.0
1	SW	7	1.3.	1,5	1.3	g4,	0		<u> </u>	ļ			5.1	9.0
j	WsW	-4	6.	- 4	- 3				 	ļ	<u> </u>	· · · · · · · · · · · · · · · · · · ·	1.7	:7.
}	W	. 8	- 5	46.			<u> </u>		 		 		1.6	4.
- 1	WNW	-3	- 44	3					 		 	 	1-1-60	-40
	NW	-3	.3	4	1		<u></u>			 			1 101	6.
i	VARBL	•3		,3	<u>ڊن</u>	0	<u> </u>		 	 	 	·	1.4	6.5
	CALM		>	>	>	\sim					>>	>>	7.1	
-		16.4	27.9	32.8	1442	ۇنۇر.	i				. ,		100.0	.6.7

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

AUG	<u>.A</u>			IAR\$	75	46,49=	42-			A/ENID	KLAHDM STATION	E AFB D	VANC
0 ⇒ 1 1 (is (i.:s.7.)	0900 HOURS		_		 		<u>A</u> THER	ALL NE				_	
							ITION	CONI				~	
MEAI WINI SPEEI	*	≥56	48 - 55	41 - 47	34 - 40	28 - 33	22 - 27	17 - 21	11 - 16	7 - 10	4-6	1 - 3	SPEED (KNTS) DIR.
8	2.4								-4:	1,1	5	-3	N
8	3.8						.1	.1	.7	164	.9	•6	NNE
7	3.7								5	1.3	1.2	.6	NE
.7	4.2							.1	-6	1.7	1.3	.6	ENE
6.	4.5							.1	.4.	1.4	1.8	. 8	E
.6	.4.8							,	.6	1.6	1.6	1.1	ESE
7	448							1	•6	1.8	1.4	8	SE
	8.4							. 2	2.3	.3.4	1.8	. 7	SSE
1 .9	18:8						1	1.0	5.8	7.4	3.1	1.5	S
	19.4			l				1.2	8.5	6.6	2.1	. 8	ssw
10	12:0							1:1	4.8	.3.9	1.44	. 8	SW .
	3.8							- 6	1.2	1.0		4	WSW
7	2.1			·						6	8	3	W
3	142				<u>[</u>				1	3		. 3	WNW
6	1.2								<u>.</u> 2.	. 3		3	NW
بالنسا	1.2								2	5	<u> </u>	2	NNW
 				إرست		<u>ر</u> ــــــــــــــــــــــــــــــــــــ							VARBL
	3.5	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	CALM
. 8.	īoo.o				~ .	7.	.6.	.4.7	27.4.	34.3	19.5	9.29	

USAFETAC $_{\text{AUL 64}}^{\text{FORM}}$ 0-8-5 (QL A) previous editions of this form are obsolete

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

2928

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANC	E AFB	OKLAHON STATION	A/ENIC)		.42-	46,49	7.5	rears			<u>.</u>	UG
•••••						ALL WE	ATHED		'					-1400
		-				CI.	ASS						HOUR	(L.S.T.)
		_												
						COR	DITION							
		-												
			·,		· · · · · · · · · · · · · · · · · · ·	,			···	·			.	
	SPEED (KN1S) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	. 5	1.0	1.2	<i>i</i> 7	.1							3,5	7.8
	NNE	.5		1.8	1.1	.1							4.4	8.4
	NE	_,7	1.0	1.5	.5	.1							3.8	7.4
	ENE	.4	.1.2	1.4	·4·	0.							3.5	7:2
	E	. 9	1.6	2.3	• 5								5.3	6.5
	ESE	. 8		2.6	. 6.	•0							5.4	7.1
	SE	1.0	1.6	2.6	.1.0	.0							6.2	7.4
	3 · Ž	. 5	2,3	.3.8	2.6	.1							9,3	8,8
	\$	1.4	2.9	7.3.	.6 مُرُهُ د	.1.4	. 3						19.8	10.2
	ssw	. 9	~1.5.	6.4	7.9	1.4	.4						18.5	11.3
	sw	5	1.7	3.0	.3.6	8	0						9.7	.10.5
	WsW	3	6.	8	.1.1	1	.0.						2:9	9,5
	w_	4	5										1.4	5.9
	WNW	3	4.	5	1	• O.							1.4	. 6.0
	NW	1	.2.	4.	0	,	0						.9	7.9
	, NNW	2	4,	6	0								1.2	6.8
	VARBL													
	CALM		$\supset \subset$	\searrow	><	><	> <	\mathbb{X}	> <	$\supset <$		> <	2.8	
		9.7	19.2	34.5	268.	4.2	, R						Ĩ00vo	8 : 9

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANCE	AFB	DKLAHDM	A/ENIC			42	46-49-	73	EARS			<u>A</u>	UG
STATION		-		ره يود	1 v 1	ALL WE					_		1500	=1706 (LIS.T.)
	à	-	الم الم	* 1. ** . * . *	A STATE OF THE STA		DITION, LT.	1 1		*		,		
Mar e construênt		<u>, </u>	1	. <u></u>			• \$.	Jan Bier	inestitut et		. Bulling i	केंद्र अं ^{च्ये द}	Mary Same	
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55 i	≥56	*	MEAN WIND SPEED
	N	- 5	.9	1.2	-6	,							3.2	7.7
	NNE NE	.6		2:0	1.3.	<u>.1</u>					 		4.4	9.3
	ENE	<u></u> 7		2.1	-6	.0					 	 	4.6	7.1
	E	8		2.0	.3	.1					 	 	5.0	6.8
	ESE	<u></u>		2.3	•6	.0	.0	•0			 	 	5.3	7.6
	SE	9		3.7	2.0	1	V.	4 V			 		8.8	8.3
	SSE	5		5.0	3.9	5					 	 	11.8	9.7
	5	1.0		7.6	9.6.	2.1	.2						23.2	11.0
	ssw	.7		4.7	7:7	1.7	.3						16.5	11.7
	SW	- 4	. 8	1.2	2.0	.3	- 0		0				4.8	10.5
	WSW	3		.3	. 3	.1							1.3	7.8
j	w	1	-4	.3	42								1.0	7.3
	WNW	1	2	.2	. 2	.0			.0				.8.	9.1
	NW	1	3	. 3	. 1	0					L		.8	8.6
	NNW	2	.3	.3	1	.0			0				1.0	7.5
	VARSL		<u></u>		· .		<u> </u>	,				<u> </u>	<u> </u>	
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.8	
		7.9	17:7	.35.1	30-3	5.4	:5	ه.	آنہ				100.0	9.4
					•					TOTAL NU	MBER OF OB	SERVATIONS		2866

USAFETAC $\frac{\text{FORM}}{\text{AUL 64}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909	VANC	E AFB	KLAHOM	A/ENIC)		42.	46,49-	-75					UG
RCITATE		_	STATIO	N NAME -		ALL WE	ะหรับสถ		,	TEARS				°2000
		_				CI	LASS						HOVE	(L.S.T.)
		_				CON	DITION							
						501.								
		_												
	SPEED	1												MEAN
	(KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND SPEED
	N	.4	,6	.5	•6	.1	.0			· · · · ·			2;2	8.5
	NNE	.4	1.0	1:1	.7	,2	.0			1			3.4	8.5
	NE	.7	1.2	1.8	.5	• 1	•0						444	7.5
	ENE	¿7	1.5	1.3	7		.1		i	i			4-4	7.3
	E	1.5	.2.3	1.9	•2	•0							6.0	5.8
	ESE	1.3	2.9	4.1	-6	.0	.0						9.0	5.9
	SE	1.2	2.8	6.3	2.5	0	0						12.8	8.2
	SSE	1.1	2.8	7.4	5.1	.2			i ———				16.6	9.3
	\$	1.1	3.5	9.2	6.9	1.0	1				1		21.7	9.7
	SSW	,3	1.2.	4.5	3.6	. 6	0	. 0.		,			10,2	10.6
	sw	, 2	•2.	.6	3.	20	.0				1		1.4	8.6
	WSW	.3	.1	.2	0	.0				1			-6	5.7
	w	.2	.3	.1	.0								.6	4,8
	WNW	12	1		•0	0							.4.	5,7
	NW	.1	•1	1	1								.4	7.8
	NNW	.1	•0	.3.	.0	.0		0					.6	9.7
	VARBL													
	CALM		\supset	\times	> <	> <	\times	> <	>	\boxtimes	><	\mathbb{X}	5.2	
		9.7	20.6	39.4	22.1	2.4		ī					ĵ00.0	8.2

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1,3909 STATION	VANC	E AFB	OKLAHON	A/ENIC			42	46,49	75	YEARS			. <u></u>	UG
		-				ALL WE	ATHER)=2300 ((.s.t.)
		- -				сон	DITION							
	SPEED (KNTS) DIR.	1 · 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	0	.3	5	•2								1.1	8.1
	NNE	. 5	1.2	•9	.6								3.2	7.2
	NE	.5	lal	1.2	-4								3.2	7.0
	ENE	.7		1.7	.3	.1	.0						3.9	7.4
	E	1.2		3.1	.4	.0	.0						6.1	6.2
	ESE	2.3	-461	3.1	.3								9.9	5.7
	SE	2.3	5.7	7.7	1.2					<u></u>			16.9	6.8
	SSE	1.3		10.6	2.7	2							20.0	_ '7.9
		1.3	3.2.	9.3	4.2.	-0				<u> </u>	<u> </u>	<u> </u>	18.0	8.6
	ssw	1.0	1.0	2.7	1.7						<u> </u>		6.3	8.2
	sw	1			2.					<u> </u>		<u> </u>	144	8.4
	wsw_	<u> </u>	- 42	4		L					<u></u>		7	7.2
	W	<u> </u>								<u> </u>			5	4.2
	WNW	1 1			1	<u> </u>					ļ		-3	6.0
	NW	<u> </u>		<u>.</u>							ļ		.2	4.5
	NNW	1	نهني ا	0	.1	0						ļ		8.7
	VARBL			<u></u>	<u> </u>					<u> </u>	Ļ.,	k		
	CALM		\searrow	$\geq \leq$	$\geq \leq$		><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	7.9	
			.04	40.0		· ,	• •				<u> </u>		300 0	

TOTAL NUMBER OF OBSERVATIONS 2071

USAFETAC FORM $_{MU-64}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE 0250LETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION		E AEB C	KLAHOM	A/ENIC) <u> </u>		424	46,49	<u>:60,63</u> 4	72=175			_ <u> Ş</u>	EP
		_		 _		ALL WE	ATHER						C000)=0200 s (L.s.v.)
		-				сон	DITION							
					• •									
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.7	1.3	1.0	7	.3	-4						4:4	9.2
	NNE	.5	1.0	1.5	1.7	4	.1						5.2	9.8
	NE	.3	1.6	1.5	1.2.	. 1							4.8	8.5
	ENE	.8	.1.4.	1.4		. 1							444	7,3
	E	1.3	1.7	2.0	5								575	.6.3
	ESE	1.9	3.0	1.8	. ż.								6.9	15.5
	SE	2.6	.5.1	:5.9	6.	1				,			.14.1	.6.3
	SSE	1.5	4.0	6.3	12.3								14.2	7.8
	S	1.7	3.5	6.5	2.7							<u> </u>	14:7	8.2
	SSW	-4	1.2.	. 3.7	211	2							7.6	7.3
	sw	3	.6	141	1							. ,.	2.2	6.7
	WSW	2		2.						, <u> </u>			. 8	4.9
	w	3	. 2	5	1								. 111	7.2
	WNW			- 4							<u></u>		111	. 5.8
	NW	2	. 2.	· 2:	1					<u></u>		L	i7	6.3
	NNW	99.	1.0	5.		1			L				2:1	5,9
	VARBL									L .	<u> </u>			
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	10.2	
	1	11 -	,							1	1		7	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{form}}{\text{JU, }_{44}}$ 0-8-5 (QL A) previous editions of this form are obsolete

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANC	E AFB	KLAHU!	1A/ENIL	2		42	46,49	75	TEARS			_ \$	IONTH
		_				ALL WE	ATHER						0300	-0500
						· c	LASS						HOUR	s (L.S.T.)
						CON	DITION							
		-												
					,					,	· 	,	,	 -
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	1: - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.4	1.8	1.4	1.0	<i>i</i> 3	.2						6.1	7.9
	NNE	_:7	1.2	.2.2	1.0	.7	.1					1.	5:7	9.3
	NE	.9	1.3	2:1	• B.	•0					i		561	7.4
	- T	.7	.9	1.4	-4	0 و							3.4	7.2
		7	1.3	1,4	.4	1							3,8	6.7
	E	1.7	1.5	.1,9	2.	•0							5,4	5.6
	SE	.2.4	4.5.	.3.6.							7		10.8	.5.8
	SSE	1.9	-4.5	. 6.3	1.5.		·						14.3	7.0
	\$	1.5	.3.9	6.9	:2.7	- 1							15.2	7.9
	\$SW	4	.1.2	.3.6	1.8	2.	,	.0.		-		,	7:2	9.3
	sw .	3	111	1.2	2		.0	0					3.0	7.3
	WSW		.5	2.	0	_ • 0						L	1.3	527
	W	-4	4	3.			,						1.2	4.9
	WNW	. 8	. 8	3.	1			,					1.9	4,9
	NW	5	.3.	4	2.								194	
	NNW	8	.8	1.0	3	1							3.0	1666
	VARBL						[
	CALM		\geq	$\geq <$	\geq	\geq	$\geq <$	$\geq \leq$	$\geq <$	$\geq \leq$	\geq		11-3.	
				1		1				· · · · · ·	 	 		* **

TOTAL NUMBER OF OBSERVATIONS 2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANC	ELAEB C	KLAHON	A/ENIC)	'	42	46,49	75	YEARS			:	EP
		-	· · · · · · · · · · · · · · · · · · ·		···	ALL WE	ATHER	 -					0600 HOURS	0800 (L.s.T.)
		_				сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.0	1.7	2.0	1.3	-5	, Ĩ	.0					6.6	8.6
	NNE	. 8	1.6	1.8	137	;3	i						6.3	8,7
	NE	1.0	.1.2	1.7	. 8	•O							4,8	7.3
	ENE	.6	iii	2.2	1.0								4.8	8.1
	E	1.4	1.0	1.4	.5	.0							464	6.2
	ESE	1.2	1.1	1.2	.3	-0							3.8	5.8
	SE	1.7	3.6	3.9	6.	.0							9.9	6.4
	SSE	1.6	_,3.8	4-8	2.2	.1				T -			12.4	7.5
	S	1.2	3.9	6.9	.4-6	-6	.0						17.2	8.9
	SSW	17	1.2	3.1	3.0	6	.1						8.6	10.2
	sw_	. 3	-6	1.3	.3	1							2.6	7,7
	wsw	- 4	5.	3.	2.	0							1.4	6.3
	W		5_		2								1.7	5.3
	WNW	6	5	3	. 1				<u> </u>		<u> </u>		1.5	5.1
	NW	. 8	-7	3	2								2.1	5.4
	WNN	.7	8	1.0	6	.1	i						3.2	7.9
	VARBL									,			<u> </u>	
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	. 8.6	
		14.8	23.7	32.4	17:7	2.4		ò					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION	VANC	E AFB U	KLAHUM	A/ENIO			.42-	46,49	•75	TEARS		<u> </u>		EP
						ALL WE	ATHER							=1100
						сон	MOITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	·-	MEAN WIND SPEED
	N N	.8	1.2	2.3	1.6	.5	1			<u> </u>			6.4	9'.5
	NNE	.5	1:1	2.2	1.8	.5	•1						6.2	10.1
	NE	.5	.9	1,9	1.2	.5					T		5.1	9.5
	ENE	.4	.9	2.6	1.0	,3							5.1	9.1
	E	.9	1.3	1.5	•6	.1				 			4,5	7.
	ESE	.8	.9	1.6	.5	• 1				1	T		3.9	77.4
	S.F	.9	1.0	1.8	.6	.1		,	,				4.5	77.1
	SSE	.9	1.0	3.8	2.4	- #4.		r			1		8,5	9,5
	\$	141	.2.0	5.8	7.9	1.9	2	·	. ,				18,8	11.0
	SSW	.7	1.2	.4.8	7.1	.2.7	7						17:3	12.3
	SW.	6.	1.2	1.6	232	9	1			Ī			6,7	10.8
	WSW	-4	. 3	. 8	17	; 2 .						·	2.4	9.9
	w	.5	4.	6	. 2	•	. 0						1,8	6.6
	WNW	.0	.4.	. 3	2		,						. 9	7.2
	NW	.3	4.	. 4	. j3	.0.	, ,						1.75	7.3
	NNW	. 1	.8	. 8.	6	<i>i</i> 3.	1	0					2,7	10.2
	VARBL													
	CALM		$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$			3.7	
		9.4	15.1	32.9	29.0	8.5	ر الم	.0					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 2776

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SURFACE WINDS

TOTAL NUMBER OF ÖBSERVÄTIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION		E AEB C	KLAHOM	IA/ENIC)	 ·	42	46,49-	÷75	YEARS			_ <u> </u>	EP
						ALL W	THER		· · · · · · · · · · · · · · · · · · ·				1200 HOUR	=1400
						CON	DITION							
									r .				-	
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.7	1.3	,5°0	2.0	. 8	-1					,	6.8	10.0
	NNE	.3	1.3	2.3	2.4	.3.	.1			1			6.6	10.0
	NE	.5	1.4	1.6	1.9	•0							5.4	9.0
	ENE	.6	111	2.1	.9	.1				1			4.9	8.2
	Ε	. 9	1.0	1.5	<i>i</i> 3	.0					1		3.7	6.5
	ESE	1.0	1.4	1.6	.5								4,6	6.4
	SE	.7	1.0	2.3	7	1					,		4.8	7.8
	SSE	. 9	147	4.0	2.5	.6:	,0		,		Γ		9.7	9.3
	S	1.1	1.5	.5.5	9.0	2.5	. 6		,				20.3	11.9
	SSW	-4	. 8	-4-2	6.2	2.9	1.0						15.4	13.0
	sw	4	. 8	1.8.	22.0		i						5.8	11.2
	WSW	1	. 5	. 7	3.	1	1				, ,		.138	9.3
	W	-4	- 4	5			.0						1.6	7.6
	WNW	. 1	.3	4	1	1				I			1.2	9.0
	NW	.3		.3	2	1			,				111	8.8
	NNW	.3	6.	47	8	3	12		I. ,				2.9	10.3
	VARBL			7.3					J.,,,					
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\geq	\geq	><	3.3	
		1			1							1 . ~ .		

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANC	E AFB	KLAHOM	A/ENID			42	46,49	75	EARS			<u>s</u>	EP.
4141,04		_				ALL WE	ATHER						1500	-1700
						cı	ASS						HOURS	i (L.S.T.)
		-				сон	KOITIO							
	SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND
	DiR.													SPEED
	N	-4	1.2	2.1	2.4	8	. 2						7.1	10.3
	NNF	.8	.1.6	1.9	2.1	.4.	1				l	l	6.9	9.4
	NE	,5	1.1	2.7	1.5	• 0							5;9	8.7
	ENE	.7	1.4	1,6	1.0	÷3							5.0	8.3
	E	1.2	1.6	2.2	3	•1	.1						5,4	6.6
	ESE	.8	1.5.	2.0	•4						l		467	6.6
	SE	.8	1.4	,3.0	1.5		.0						6.7	8.2
	SSE	.8	1.9	3.9	4.8	.6							12.0	10.1
	\$.1.0	1.6	6.4	8.8	2.7	. 8						21.2	12.1
	ssw	.2	.5	.3 43.	5.7	273	5						12.6	13.1
	sw	.4	6	1.0	8	, 2.	.0						3.1	9.3
	wsw	.1	.4.	.1	, 33.	1	0						1.0	9.0
	w	.2	.4.	3	3	0							1.3	7.5
	WWW	.2	.4.		3								1.0	7.7
	NW	.3	,3	2	2	1	,						111	7.2
	NNW	.2	.5.	.6	. 8	. 2.	1	0					2:4	10.9
	VARBL			1	4		7.7		, ,	ļ			\#-*-\	
	CALM		> <		> <		> <	\sim		$\supset <$	$\overline{}$		2.5	
		.8.7	16.4	31.7	·31.·0·	. :7:17	وَيْدُارٍ.	.0	tor yes				ĭoo.ô	9.9

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	VANC	E.AFB L	IKLAHUN STATIO	MANE NAME)		42-	46,49	•75	EARS			- <u>'</u>	IONTH
		_				ALL WE	ATHER						1800)=2000 (LIS.T.)
		-				сон	DITION						•	
		_		,					, ,					
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.0	112	.1.7	1.2	-6	2						5.7	9.4
	NNE	. 8	1.5	232	137	. 6							6.8	9.0
	NE	. 9	1.7	1.7	. 9	.3							546	7,8
	ENE	111	1.7	1.7	.6	•							5.1	6.5
	Ε	2.0	.2.3	1.8	.5								6.6	5.6
	ESE	1.7	2.4	2.2	. 1								645	5.6
	SE	2.0	3.3	.4.7	1.6	. 1			.0:	, .			11.7	7.2
	SSE	1.2	4.1	7:17	.3.9	.2		,,					17.0	8.4
	\$	1.7	.3.6	.6.0	4.2	. 111	٦	, , ,	, ,				17:3	9.1
	. SSW	2	.7	2.2	2.0	2	.0	. , .	.0	,			5.3	10.3
	sw		44 .	.3						,	 		1.0	7.2
	WSW	.0	.1	.1		0			0	-			4	11.3
	W	.3	1	. 2.	1					, ,			7	6.2
	WNW	. eÔ	.1	2		0							. 4.	9.7
	NW	.3	3	. 2									. 8	4.9
	NNW	3	.5	- 5	3		0				,		1.7	8.4
	VARBL													
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	77.3.	
	1	il	1 .						/		1 '	1 "1	*	<u>.</u>

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 VANCE AFB OKLAHOMA/ENID 42-46-49-75

					ALL WE	LASS				_		2100 HOURS	(L.S.Y.)
				· · · · · · · · · · · · · · · · · · ·	СОН	DITION							
					,, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>			·					
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	1.5	.8	.3	.2						4+4	,9.
NNE	.9	.1.0	1.2	1.7	,3							5.2	9.0
NE	1:1	1.5	2.5	1.6	.1							6.9	'7.8
ENE	•7	1.3	1.5	i2	.2							4.0	7.0
E	1.8	1.7	1.7	.4.								5:7	5.
ESE	1.9	4.0	2.0	•4·	•0							8,5	5.6
SE	2.0	5.6	16.6	.1.0	. 1							15.4	6.
SSE	1.7	4.6	9.0.	.3.1	4.							18.9	8.
S	1.4	2.0	6.1	.2.8	,5	0						12:9	8.8
SSW	2	-6	1.8		•0							3.8	8.9
sw .	.4		. , 5	2			<u> </u>					1.5	6, 2 5, 2
WSW	•2	.3	3.						<u> </u>	L		, 9	.5.2
w			0	*O				ئـــــــــــــــــــــــــــــــــــــ				.4	5.
WNW		.0	2					<u> </u>	<u> </u>		<u> </u>		7,0
NW	3.	-0	<u>3.</u>		.0			- '				¿7 [']	16.
NNW	.2			•0	0	0			ļ			1,3	77.0
VARBL								<u> </u>	13	<u> </u>			
CALM	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	\gg	9,0	
	13.9	25.0	35.49	.13.6	2.2		.0	,,,	. ,	, ,	,	100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB C	KLAHOM	A/ENIC)		42-	46,48	60,62	163,69	73-75		<u> </u>	CT IONTR
						ALL W	THER						OODO	0200 (L.s.T.)
		-				CON	DITION							
	SPEED (KNTS)	1.3	4.6			17 • 21						≥56	*	MEAN WIND
	DIR.	1.3	4.0	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥30	"	SPEED
	N	.9	1:1	1.0	. 8	.2	.1				l		4.0	7.8
	NNE	.7	1.7	1.9	. 8	,3	.1						5.6	8.3
	NE	.,7	1.8	1,5	_;9	-4	. 1						5.6	8.2
	ENE	.5	8.	. 8	2.								2,3	6.1
	E	. 9	.8	. 9	• 2.								2,9	5.6
	ESE	.6	2.8	.9	•1								444	5.2
	SE	141	.4.2	.3.4	.5	<u>.2.</u>							9,4	6.6
	SSE	1.9	.4.6	.6.0	2.6	<u>2.</u>	1						15.4	77.77
	5	1.6	4.5	7.7	3.3	1.0							18.1	8 2 4
	ssw	.7	1.3	. 3.9	1.8		<u> </u>		<u> </u>				7.7	8.5
	SW	.2	+6.	.8	•:2.		<u> </u>		<u> </u>		<u> </u>		1.8	6.8
	WSW	.3	.9	. 96		2	<u> </u>		ļ				2,0	6.6
	w	<u> •6</u>	-4.	2		ļ	· · · ·		<u> </u>	<u> </u>	ļ		1:2	-4-5
	WNW	1:2	-6	3			·						2.3	5.1
	NW_	4	.8	4	2.	2	<u> </u>						1.9	7.4
	NNW		.6.	1,3	.1.0	2			<u></u>		<u></u>		,3,7	19.2
	VARBL									ļ				
	CALM	$\geq \leq$	$\geq \leq$	$\langle \rangle$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	11.6	
		12.7	27:7	31.9	1277	2.9	.4.						Ï(0.0.	6.7

TOTAL NUMBER OF OBSERVATIONS

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13909 VANCE AFB OKLAHOMA/ENID

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

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2175

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

42-46-48-70-72-75

STATION			BIATIO	NAME					1	FEARS			•	IONIN
						ALL WE	ATHER						0300	<u>≈0500</u>
		_				. CI	ASS						HOUR	s (L.S.T.)
		_					DITION							
						EOR	DITION							
		_												
	SPEED				<u> </u>				l .	<u> </u>				MEAN
	(KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND SPEED
	N	. 8	1.2	1.7	1.4.	. 5	.1						567	9.0
	NNE	.9	111	1.7	1.5	44 .	32						5.7	9.3
	NE	. 8	1.4	1.3	+8	.3	0						4.6	8.1
	ENE	.5	9	. 8	<u>i2</u>	1							2.5	7.1
	E	6		.6	.1								232	-5.8
	ESE	.7	1.6	. 8	, Ž.								3:3	5.7
	SE	1.5	.3.9	.4.0	46.	•0							10.2	6.5
	SSE	2.3	.3.8	5.2	2.3	.1							13,	7.3
	S	1.7	5-4		.3.5	12	.0						17:3	8.0
	SSW	137	1.6		1.2	,							5.8	7.9
	SW	1.0	:111	.9	7.1								3.2	.5.4
	WSW	-6	120	.6	- 1								2.3	5.5
	W	1.2	27	2	i								272	4,2
	WNW	-6	111	.5	ô								2.3	5.5
	NW	. 5	- 5	-6	-5	.0							222	7.3
	NNW	.5	.9	166	1.2	.3							4,3	19.1
	VARBL				7.									
	CALM		\geq	\geq	\geq	\geq	\geq	\geq		$\geq \leq$	\geq	> <	12.6	
		15.1	26.9	20.1	13.0	2.0		•					100-0	6.5

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

2669

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.3909 STATION	VANC	E AFB C	KLAHDM	A/ENIC)	···	42-	46-48-	70,72	÷75			0	CT
		_				AÜL WE	ATHER	 					0600 HOURS)=0800 s (L.s.t.)
		-				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	<i>i</i> 7	1.4	1.8	1.8	.6	.2						6.5	9.8
	NNE	.8	1.3	.2.0	1.6	. 35	•0				i		6.3	9.2
	NE	.4	.8	1.0	. 8	.1							3.1	8.4
	ENE	3	.9	.9	.5	.0							2.7	777
	Ε	1.1	.9	•6	•						 		2.5	4.8
	ESE	6	.1.7	1.2	2.								3,7	5.9
	SE	.1.0.	3.2	3.6	1.0	• 1			_				8.9	7.1
	SSE	1.7	4.3	. 4.7	2.4	,4							13.5	7.8
	S	.1.4	4.5	.6.1	.5.1	.8				1			18.0	9.0
	ssw	-4	1,15	2.7	1.4	1	.1						6.3	8,8
	sw	4.	. 9	1.2	•1	90							237	6.8
	WSW	2	,8	,6	•1								1.8	16-4
	w	6	1.0	6	22	.0							2,4	6.0
	WNW	1.0	1.0	.6	32	. 1							2,9	6.2
	NW	6	9	9	-6	- 1	.0						3.1	7.6
	KNW	. 7	9	1.7	1,48	. 1	. 1						5.4	9.5
	VARBL	L	-			<u> </u>								
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	10.2	.,
	1		ا م ن م ا	المال ا	1				l	•	1	1 1	اميممتا	

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB	KLAHOM	A/ENIC	<u> </u>		42	46.48	70,72	75		· · · · · ·		IC.T
		_			·	ALĻ WE	THER				_		0900)=1100 (Lis.T.)
		- -				CON	PITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 ~ 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.8	.9	2.0	2.7	.9	.2	.1					7.6	11.2
	NNE	-4	.7	1.7	2.6	. ,6	12	.1					6.3	11.5
	NE	.5	.5	1.2	1.4	.1							3:7	9.5
	ENE	.1	.8	1,3	•6	.0	1						3.0	8,6
	E	.6	1.3	1.1.	1								3.1	6.0
	ESE	-4	.7	Ĭ.0	i	.1							2.3	6.7
	SE	6	1:2.	2.0	7	1							4.5	7.7
	SSE	7	1.7	2.9	2.6	. 8	1	-0					8.8	10.1
	S	6	.1.9	1544	7.8	.3.6	. 8	.0					2000	12.5
	ssw	.4	1 4 2	1561	15:1	2.4	5						14.6	12.1
	sw	6	.7	167	100.	.3	2						444	9.7
, •	wsw	3		. 8									2.9	8.4
•	w	6	. 8	111	7		<u> </u>						3.2	7.5
	WNW	3	.9	1.0	3.								2.6	8.1
_	NW	5	7	7	6	. #4.	1	L					3.0	9.7
	NNW	5.	1.161	1.7	1.8	6	-4.						6.0	11.0
<u>.</u>	VARBL	<u></u>	ļ	Ļ,		<u> </u>	Ļ	Ļ	Ĺ		إخسنها			
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	4.0	
has b		7.B	16.0	30.4	28.8	10.0	2.8	12					100.0	10.1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.3909 STATION	VANC	E AFB	OKLAHOM	A/ENID)		42-	46,48-	70,72	75				OCT
SIAINA		-				ALL WE	ATHER				 -		1200)=1400 s (L.S.T.)
		-				CON	DITION							
:	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	-6	1.0	2.9	2.9	9	.3	. 62					8.6	.11.5
	NNE	.6	. 8	2.3	.2.3	,7	•0	_ •0					666	.10.5
	NE	.4	.9	1.4	1.1	.1							3,9	8.8
	ENE	.5	.6	1.1	,3	.1	.0			Γ			2.6	7.6
	E		.8	,5	•1	.0							232.	
	EŞE	-4	4.	,6	• 1	- 1							1.6	6.8
	SE	.5	1.3	9	.5	. 1							3.3	7.1
	SSE	.4	.1.1	2.7	.2.4	1.2	.2	0					8.1	11.3
	S	7	1.9	.5.1	7.3	4,9	_1.1	1					21.0	13.0
	ssw	,2	1.1	4.1	6.1	.3,3	.6						15.6	.13.0
	sw	5	. 9	.2.2.	.1.6	.6	0	,,,	, .				5.8	10.0
	WSW	.3	.8	. 8	.5	1				,m., ,	. ,		2.5	8.0
	w	5	1.2.		.4.	.2	0	0		,			3.1	7,7
	WNW	2	6	. ,6	.5	2.	0						.2.1	9.1
	NW.	3	5	8	1.4								3,3	10.8
	NNW	.4		.1.8.	2.1	.1.0.	2					,	6.4	11.4
	VARBL						>							
	CALM			\times	X	\mathbb{X}	>	\times	\mathbb{X}	\geq		><	3 43	
		7.2	14.7	28.5	.29.6	13.6	2:7	4			,		10000	.10.7

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $_{AR.64}^{\text{FO}^{2}M}$ 0.8-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANC	E AFB C	KLAHDM	A/ENID)		42	46,48	70,72	75			9	CT
						ALL WE			<u></u>				1500	1700 (EEE.T.)
						CON	NOITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	x	MEAN WIND SPEED
	N	. 9	1.5	.3.4.	2.9	-6	-5						9.8	10.3
	NNE	.5	1.5.	3,3	1.8	. 3							7.3	9.0
	NE	.3	.8	1.9	.'9	.2	.1						4.1	9.3
	ENE	-4	1.0	.6	12:	ŕ							232	.6.6
	E	.5	1.2	.5	.1	.1							2.4	5.8
	ESE	.5	1.0	.8	1	,							2-4	5.9
	SE.	. 8	1.3	.1.8.	9	•0					1		4.7	7.4
	SSE	.6	1.6	.3.5	.3,5	124	1						10.7	10.9
	S	8	2.4		6.7	-3.9	9	0					22.5	12.3
	ssw	6	1.4		. 4.8.	1.9	-4	0					12.6	11.9.
	SW	. 5	.6		8	2							3.2	8.8
	wsw	-4	4;	- 4	2	1	0			· .			1.5	7.6
	W	4	. 3.	17	1		-,1						1.8	7.3
	WNW	2	-3	7	-4	2	1	- 1					2:0	10.9
	HW	.4	5	6	. 8	2	1						2.6	9.9
	NNW	4	.8	1.7	2.5	8	22	0					6.3	11.4
	VARBL										3			·
	CAUA		$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$		\geq	4,0	
				20.1		0'0	n: 2				/1:		ioo à	100

TOTAL NUMBER OF OBSERVATIONS 2793

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB	DKLAHOM	A/ENID)		42	46.48	75	IEARS			0	CT
		-			 	ALL: WE	ATHER						1800	⇒2000
		-				соя	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 46	4: - 47	48 - 55	≥56	*	MEAN WIND SPEED
ļ	N	1.5	1.7	2.3	1:1	.2	.1						6.9	`7.5
	NNE	1.7	.2.3	2.2	1.0	•1							7,3	7.5 6.7
	NE	.7		1.4	.5	.1	•0						4.1	7.1
ĺ	ENE	.4	1.0	,6	.2 .								2.2	6.2
ĺ	E	.1.0		3	•	•0							3.1	4.8
[ESE	1.1	1.9	111	.1	• 0					Ĺ		4,3	5.3
	SE	1.5	4.0	.3.0	1.2	1	. , .						9:7	.6.6
	SSE	1.4		6.6	3.5	. 6	٠.0				L		17.0	8.3
[S	.1.4	5.6	9.1	,3.8			,			L		20.5	E.4
	SSW	.2		1.8	.1.0	. 1			·	-	<u> </u>		-491	6
į	sw	.3		2.	•0						L		, 91	
	WSW		.2.	.3			<u> </u>		<u> </u>			<u> </u>	-6	6.9.3 4.9 7.7
	W	3	. 2	2			,						•7	4.9
	WNW	. 2		2.	0		.0				<u> </u>		141	777
	NW	•3		.2		0		<u>;-</u>				<u> </u>	194	7.8
	NNW		1.4	1.3	8.	.3	0		<u> </u>		ļ		4,7	8.0
	VARSL	Ļ		<u> </u>			Ļ	ر	ļ		Ļ.,	ļ		
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	11.3	
į		13.1	28,5	31.0	.13.4	222	, Ś				,		100.0	J6 . 6.

TOTAL NUMBER OF OBSERVATIONS

13909 VANCE AFB OKLAHOMA/ENID

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

42-46-48-70-72-75

STATION			STATION	NAME .		ALL WE	- ATMED		ľ	FEARS				<u>+2300</u>
		-			· · · · · · · · · · · · · · · · · · ·	WP P	LASS						HOURS	(US.T.)
		_				CON	DITION		 					
		_												
	<u> </u>	 				ı ————				· 			1	
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.8	1.6	1.2	8	.0			l				4.5	6.9
	NNE	1.5	1.2.	1.7	1.1	•0	.1						5.8	7.6
	NE	.7	. 9	2.1	.9	.1							4:7	8.1
	ENE	.6	1.2	•7	.2								297	6.0
	E	-4	1.4.	1.0									2,8	5.7
	ESE	.9	2.5.	1.4									4.8	5.4
	SE	1.4	4.8	5.3	1.0			, ,					12.6	.6.8
	SSE	1.2	5.1	.6.3	.2.6		1		0.				16:3	5
	5	1.6	4.2.	7.6.	4.0	8.				<u> </u>			18-3	8.7
	ssw	.5	111	:3.1	9	1			<u> </u>				5.8	8.3
	sw	-4	. 3.	-66	-1					L	<u> </u>		1.5	_ 6.5
	WSW		3	6.					<u> </u>		<u> </u>		144	5.2
	w	6	.5	1	0					<u> </u>			1.3	<u>.4.6</u>
	WNW	.3	5	.3	<u></u>	-0		ļ	L				1.5	7.8
	NW	- 2	.5	4.	2.	0	-0		<u> </u>	<u> </u>			1,65	8.0
	NNW		1.0	1.2.	7		0			Ļ	 		.3.5	8.3
	VARBL				<u> </u>	Ļ			Ļ					
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	10.5	
					1								u — — —	

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION		E AFB C	KLAHDE	A/ENIC) <u>. </u>	_ ·· _	42	46,48	59.62	72475			N	VOI
						ACĻ WE	ATHER						9000 HOURS	0200 (L.s.T.)
		-				CON	CITION							
	SPEED (KNTS) DIR.	1 · 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	6	1.3	2.3	2.3	. 8	_ ,3						7.5	10.6
	NNE	2	.8	154.	1.6	.4							464	10.1
	NE	. 5	1.5	1.8	•7	.1	1						4.6	8.0
	ENE	.5	.8	.8	.2.								272	6.2
	E	. 5	.5	1.0	.1								222	6.4
	ESE	. 8	1.7	7	4.								3.6	6.0
	SE	6	2.1	.3.2	5								6:4	7.0
	SSE	111	2.5	-5.6	141	3							10.5	7.7
	5	4	2.6	3.4	2.7		- 5						12.3	9.7
	ssw	3	1 . 3	.2.4.	2.0		2						7.6	9.8
	sw	. 8	1.2	2.2.	6	- 2							5.1	7.8
	WSW	4	1.2	. 8									2:5	5.7
	w_	9	1.8	1.5	- 2		ــــــــــــــــــــــــــــــــــــــ						425	18.3
	WNW	1.3	1.2	1.9		3	1	1					5.3	7.6
	NW	. 5	ii.o.	1.6		44.		2		<u> </u>			5.0	10.6
	NNW	1	143	1.9	1.9	1.0				<u> </u>			6.3	10.8
	VARSL	ļ	Ļ,								L			
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	10.2	
	1	N.	I		٠.			1	i	I				-

USAFETAC $\frac{\text{form}}{\text{JUL 64}}$ 0 8-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANCE	AFR	OKLAHOM	A/ENID			42=	46.48-	75	EARS			_ <u>_ N</u>	VOV
*12124			CIRCION			ALL: WE	ATHER			FVED			0300	-0300
		_				CI	ASS						House	(L S.T.)
		-				CONI	DITION							
		-												
			·						,		· · · · · · · · · · · · · · · · · · ·	,		
	SPEED (KNTS) DIR.	, . 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
Ī	N	.8	1,4	2.0	1.6	,4	.4.				1		6.0	9.7
	NN.	3	.9	2.2	1.9	, 4.	. 1						5.7	10,1
	NE	. 2	,9	1.6	•6	•2	•0						3.6	8.8
į	ENE	• 1	.2.	• 6.		• 0							1.1	8.0
[E	.7	. 8	1.2									2.7	5.7
1	ESE	7	141	1.3	,4.								3,5	6.5
[SE		2.1	1.9	.7	1							5.4	7.3
	SSE	• 7	.2.6	-444	1.6	1							9,3	7.8
Į.	S	.9	2.6	-6.1	3.5	6							13.8	9,2
[ssw	. 3	111	.3.0	2.1	6	. 2.						7.3	10.5
[sw	.5	1.2.	1.8	4	.3	•						4.2	8,1
	WSW	5	,9	. 9	• 1	2							2.6	77.1
l	w	, 9		1.7	1		•0				,		4+4	.6.6
Į	WNW	.8	.2.1	2.4.		• 1	•						5.6	6.7
[NW	6	9	2.0	1.4	.3	. 4.	. 1	0				.537	10.8
ĺ	NNW	.6	1.0	2:1	:2-4	1.0	1	• 1]		7		7.4	.11.4
	VARBL													
	CALM	$\geq \leq$	$\triangleright <$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$		\geq	11.2	
		:942	21.3	33.1	16.8	4.5	1.5	.2	.0				100.0	.7.8

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

2393

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

909 STATION	V.ii4C	E AFB	OKLAHOM STATIO	A/ENIC)		42-	46.48-	75	TEARS			. <u> </u>	V
		•				ALL WE	ATHER						0600 HOUES	₩0800
						CON	DITION	······································						
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.1	1.7	2.5	2.4	1.0	. 5						9.3	10.4
	NNE	. 5	. 8	2.4	1.5	,3							5.4	9.3
	NE	. 3		1.5	-4	. 2							3.3	8.4
	ENE		. 5	.7	. 2	.0	, O						2.0	7.1
	E		1.2	. 8	.1								2.6	5.7
	ESE		المُعَادِ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَادِّ الْمُعَدِّ الْمُعِدِّ الْمُعَدِّ ِ الْمُعَدِّ الْمُعَدِّلِ الْمُعِدِّ الْمُعَدِّلِ الْمُعَدِّلِ الْمُعَدِّلِ الْمُعَدِّلِ الْمُعَدِّ الْمُعَدِّلِ الْمُعَدِّلِ الْمُعَدِّلِ الْمُعَدِّ الْمُعَدِّ الْمُعَدِّلِ الْمُعَدِّ الْمُعَدِّلِ الْمُعَدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعَدِّلِ الْمُعَدِّ الْمُعِدِّ لْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمِيلِ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمِعِلَّ الْمُعِدِّ الْمُعِدِّ الْمُعِدِّ الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمِعِي	1.2	.2								3.0	6.9
	SE	1 e 6	2.1	2.5	y4.	0							5.6	7.0
	SSE	6	2.7	.3.6	1.5								8.6	8.2
	S			.6.0	-4-2	3	i			<u></u>			1441	9.3
	ssw			2.7	2.5	5	i2	0					7.4	10.6
	sw		1.0	1.5	7	1							3.9	7.9
	WSW		. 9	.7	-2				<u></u> _			il	2.4	7.3
	w		1.9	1.5	3	.0		,,		0			4.5	7.4
	WNW		2.2	2.4	7	2				<u> </u>			6.1	7.3
	NW	2		1.6	1 42	. 5		1		! !		II	6.1	9.4
	NNW		1.2	2.0	2.2	1.0	. 2	-0					7.2	1111
	VARBL	<u> </u>					Ĺ			<u> </u>				
	CALM			$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$		$\geq \leq$	8.6	
		8.5	23.7	33.7	18.9	4.4	1 . 7	2		0			Journ	8.1

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

TOTAL NUMBER OF OSSERVATIONS

:2820

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

909 STATION	VANCE	AFB 0	KLAHOM	A/ENID			42-	46,48-	75	EARS				IDV
						ALL WE	ATHER				-		0900 HOURS)=1100 s (L s.T.)
		-				сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
j	N	-4	1.0	2.7	3.5	1.7	.6	.1					10.0	12.7
	NNE	.2	1.0	3.2	1.8	.6	.2						7.0	10.4
	NE	.3	.7	1:1	•6	,2	•0						2.9	8.8
·	ENE	,5	5	111	.4	,1							2.8	77.7
	E	. 5	.9	. 8	.1					·····	I		2.3	5.8
	ESE	,3	.8	1.2	.4								2;7	7.4
	ŞE	.4	•7	2.4	.7	0				,			4.3	8.1
	SSE	. 5	.7	2.5	.2.2	.2	.1						6.2	10.0
	S	. 5	1.6	.3.7.	.5.6	.1.8.	. 4	•1					13.9	11,8
	SSW	.2	1.1	3.0.	4+6	1.6		٠, ١.	0				11.3	12.9
	SW	. 2	, Ģ	1.8	.2 .0	5	.0	,			,		5.3	.10.6
	wsw	.3	<u>.7</u>	111	5.	2	1						3.0	9.2
	w	•7	1.2.	1.0.		.2	1						4.0	8.4
	WHW	.5	8.	1.6	.1.1	. , 4.					ł		476	9.9
	NW	.4	1.1	1.7	2.2	.,5	2	2					6,3	9,9
	WWW	.5	1.1	2.3	3.2.	.1 65.	6	1					9,3	12.4
	VARBL					- 1								
	CALM	$\geq <$	\times	\times	><	><	\times	\times	X	$\geq \leq$		><	3,9	
		16.4	15.2	31.4	29.8	953	3.3	- 27	٥	,			Ĩ00.0	.10.4

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909	VANC	E AFB	KLAHON	W\ENID)		42.	46,48	75	rears .		···· <u>·</u>		OV.
		_			······	ALL. WE	ATHER						1200 HOUR	=1400 (L.S.T.)
		-				сон	DITION							
	SPEED (KNTS) DIR.	1 · 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.4	1.4	2.6	4.0	.2.0	.7						11.1	12.3
	NNE	.2	- 6	2.3	1.8	.2.	4.			1	 -		525	11.0
	NE	.4	.8	111	111	.2							3.7	9.0
	FIVE	.3	.9	. 8	-3								2.4	7.0
	E	.2	.'7	.7	.2.								1.8	6.8
	ESE	.3		.8	<u>ڏ</u> ني	0نو					1		2.1	7.5
	SE	.3		1.0	. 8	11							3.0	8.3
	SSE	. 4	.9	1.4	1.7	-4	.0						4.9	10.0
	S	.6	1.4	3.8	.6.7	2.5	6	1					15.8	12.5
	ssw	. 3	.7	2.9	6.1	2.2	1.1	22					1325	13.7
	sw_	.2	.7	1.7	.1.8	6	. 2	٥٠					542	11.5
	WSW	. 2	.6	1.0	3	44.	1	0					2.8	10.0
	W	. 5	.7	8	5	3							3.0	8.5
	WNW	.2	1.0	1.2	1.0	8	. 1	1					4.2	10.8
	NW	.6	1.5	1.7	1.9	.6	5						7.0	.10.9
	WMM	.2	1.2	2.5	4.2	1.6	. 8	4 0					10.6	12.7
	VARBL		7 4	,						,				
	CALM		\geq	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\geq	$\geq \leq$	3,4	
		1	1						•	1	1			

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1:3909 STATION	VANC	E AFB C	KLAHOM	A/ENID			42	46,48-	75	EARS	·		_ <u>N</u>	IOV
314104		_				ALL WE	ATHER						1500	1700
					 	сон	DITION							
													, , 	
	SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.7	1,0	3.1	4.5	1.6	.5	•0					11.6	12.0
	NNE	.5	.9	1.9	1.8	. 5	• 1						5.7	10.2
	NE	,4	1.1	1.5	•6	<u>, 1</u>							3.7	8.0
	ENE	•2	. 9	• 8	1	¿2							2:2	7.9
	E	.9	1.0	.9	.3								3.1	6.0
	ESE	,5	. 8	.6	. 4.								2.3	.6.4
	SE	.2	1.1	1.1	.7								3,1	8.0
	SSE	, 9	1.3	.3.1	.2.1	3					<u> </u>		7.6	8.9
	<u>s</u>	1.1	1.9	.5.5.	6.5	:2.1	4	-1					17.6	.11.3
	SSW	.5	1.1	3.0	3.6	1,15	4.					<u> </u>	10.1	11.7
	SW	,5	.9	1.4	.1.0		Ç			İ	j		3,ŷ	
	WSW	,3	<u>, 5</u>	9	 44 -	2.		.00				<u></u>	2:2	9.0
	w	- 46	. , 9	6	• 6	•2	1	\ •O					3.0	8.9
	WNW	.3	. 9	6	,6 ,	2.	-0						2.7	9,2
	NW	7	1.2	109	1.24	6	- 94.						.5.7	10.4
	NNW	-,6	1,44	:3.0	3.1	1.4	4.		·# G.	ļ			10.1	.11.5
	VARBL													
	CALM		\sim	$\geq \leq$	$\geq \leq$	\sim	$\geq \leq$	$\geq \leq$	$\geq \leq$				-5-4	
		9.0	16.8	29.3	27 (7	9.0	2.4	44.	٥٠				Ĩ00.0	9.7

USAFETAC $_{
m JUL~64}^{
m FORM}$ 0.8-5 (OL A) previous ed. Ons of this form are obsolete

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.3909	VANC	E AFB	KLAHOM	AALEN DO)		42.	46,48	75	YEARS				OV
		_				ALL WE	ATHER	-					1800 HUUN	=2000 (1.3.7.)
		-				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.5	2.2	3.2	2.4	111	. 3	.0					10.8	9:7
	HINE	.7	1.5	1.4	1.4	.2.	.1						5,3	8.6
	NE	•4	1.1	1.4	.3	.2.	1						3.5	8.0
	ENE	. 8	1.1	.7	•1	.i							2.7	5.7
	E	1.1	1.3	.6	•3								3.2	5.5
	ESE	- 8	1.2	. 8	.2	.0				i			3.1	5.8
	SE	. 8	2.2.	2.0	.6	.0							5.7	6.8
	SSE	1.2	4.0	15.5	2.4	.3		,					13.3	7.9
	S	1.4	4.7	.6.9	.3.5	.7	2						17.4	8.5
	ssw	• 3	. 9	2.0	. 9	,							4.1	8.3
	sw	.3	.8	.7	-3	.1							2:2	7.3
	W5W	3	-6	3.	0	2							1.5	7.9
	w	. 4	.7	6.	.3	3	1	li		<u></u>			2.3	. 8.4
	WNW	. 5	9	6	-3	1	0						2.5	8.1
	NW	.8	1.2	141		- 2	- 2						-4-0	8.1
	NNW	-7	1.7	1.8	1.8	5							5.6	9.4
	VARBL	<u></u>	بنب	Ļ			Ļ			Ļ	Ļ			
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$		11.9	
	1				1		4.	• =			1	1	ا خصمتا	٠

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

909	VANC	E AFB	OKLAHOM	A/ENII)	 	42-	46,48	75	TEARS			_ · N	ONTH
		_			· · · · · · · · · · · · · · · · · · ·	ALL WE	ATHER						2100 Nour	-2300
		-				сон	DITION							
		•		·										
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.4	1.8	2.8	1.8	9	.3						8.1	10.4
	NNE	.5	.8	2.0	1.2	•2	•1					i	4.7	9.1
	NE	.6		2.0	.4	.2	.1			i		ĺ	4.8	777
	ENE	.4		.5	•1								2.1	5.6
	E	1.2		1,3	.2.	•1							4.2	6.0
	ESE	.4		.1.1	.1					1			2.8	6.0
	SE	1.0	1.4	2.6	4	,1	.1						5,5	7.1
	SSE	.5		.5.1	.1.8	. , 3	,						11,9	8.0
	\$	1.0	.3.5	.6.9	3.8	.1.1	3						16,5	9.4
	SSW	,7		2.6	1,3		.2						6.2	9.1
	sw	.3		1,8	3	. 1							3,4	8.1
	WSW	.4		151	- 1		-1						2.1	6.9
	w	9'6		. 9	3.	1		2	1	<u> </u>			2.9	9.1
	WNW	.6		1.2	- 4	1		1	1		<u> </u>	<u></u>	3.2	8.6
	NW	. 5		1.3	8	. 2	1		<u> </u>	<u> </u>			4.0	8,5
	NNW	.7	.,9	1.7	1.7	.7	. 2.						6.0	10.4
	VARBL	<u> </u>	<u> </u>				<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
	CALM	$\geq \leq$	><		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$		$\geq \leq$	11.5	
		10.0	23.0	.34.7	14.5	4.3	1.5	. 3	īī				100.ò	7.6

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

1674

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909	VANC	E AFB	KLAHOM	A/ENIC)		42-	46,48	59,65	67370	174			EC
STATION		_	STATIO			ALL WE	ATHER			TEARS			0000	0200 3 (LS.T.)
		-				CON	DITION				- -			
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.9	1.8	2.9	.2-4	. , 8	.3	•2					9.2	10.3
	NHE	.4	.9	2.4	.1.8	.8	.1						6.5	10.5
	NE	.5	1.2	2.0	. 9	1	.1						4,8	8.4
	ENE	.3	.6	1.5	.5								2.9	8.1
	Ε	.8	.5	7									2.0	5.2
	ESE	.4	-6	. 5	1								1,7	5.9
	SE	1.0	1.9	2.9	.5.	• 1							6.3	7.2
	SSE	.9	1.6	,3.4	2.3	,4							8.6	9.1
	S	. 9	.2.4	.5.8	.2.3	-6	.1						12.1	9.2
	SSW	•3	.2.1	-4-1	1.7	.3							8.5	8.9
	SW	.5	1.0	1,9	5								3,9	7.6
	WSW	.2	6.	1.4	62	1	1						2.6	77.8
	W	.4	.1.0	1,5	.7	. 1	1						3,8	8.2
	WNW	8	1.5	2.0	.5	.5	1						5.4	8.2
	NW	.4	.9	1.3	. 8		.2						3.8	9.8
	NNW	.4	141	2.6	1.17	.5	. 2.					L	6.5	10.2
	VARBL													
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	1164	
		9.1	19.7	36.8	17-1	4-6	1,1	.2					100-0	7.9

USAFETAC $_{\text{JU-64}}^{\text{FORM}}$ 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909 STATION	VANC	E AFB	KLAHD	A/ENID)		42	45.48-	72274	EARS	,			EC
		_				ALL WE	ATHER			. <u> </u>			0300	=0500
		-				CON	KOITIO							
ļ	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N		1.6	2.3	3.6	9	.3	•2					9.6	11.0
	NNE	.6		2.0	1.6		.0						5.8	9.8
	NE	.8	1.3	1.6	1.2	-2	.1				† — —		5.2	8.3
	ENE	.3	.6	1.5	-4	•0							3.0	8.0
	E	- 3	. 7	.4	1						i		1.6	6.2
	ESE	.2	.6	.3	-4								1.6	6.9
	SE	. 9	1.8	2.0	.4								5.2	6.8
	SSE	.7	2.1	3.7	1.8	-1							8.4	8.2
	S	. 8	.2.3	.4.6	3.7	.8	.0						12.4	9.5
	ssw	.3	1.5	2.7	.1.4	5	0						6.4	9.5
	sw	.3	9	2:2	-6	42							4.2	8.4
	WSW	3	1.0	1.1	.2.				0				2.7	7.3
	w	1.0	1.7	2.4	5		.0	0					5.8	
	WNW	9	1.4.	2.2	. 7	3						L	5:5	7.6
	NW	.5	141	1.7	. 8								4.7	9.4
	NNW	.7	1 42.	2.7	1.8	9	3	0			<u> </u>		7.6	10.6
	VARBL	Ļ	<u> </u>							Ĺ				
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	10.2	
		9.5	21.0	.33.5	19.3	5.2	1.0	. 3	, q				100-0	8.0

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANC	E AFB C	KLAHON	A/ENIC)		42-	46 - 48	·74	EARS			. <u> </u>	EC
						ALL WE	ATHER						0600	-0800
					<u>=</u>	C	ASS						HOURS	(L.S T.)
		-				сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.6	1.4	3.4	2.7	1.2	. 5						9.0	11.0
	NNE	.5	.8	2.1	1.8	.6	-1						5.8	10.3
	NE	•4	1.0	1.4	1.3	,4							4+5	7.5
	ENE	.5	.9	1.1	-4	•1							2.9	7.2
	E	.7	1.0	, 9	.3								2.8	6.3
	ESE	.3	.6	.7	0								1.7	6.1
	SE	. 8	2.1	2.2	.3	.1							5.4	6,7
	SSE	.5	.2.8	2,8	2.0	. 2							8.4	8.2
	S	.9	2.6	.4.0	,3.6.								11.9	9.5
	ssw	.5	1.2	2.3	:2.1	,3	-1						6.5	9.5
	SW	,5	,9	1.1	.6	•1							3.2	7.5
	WSW	.6	.6	8	-4	.0							2.4	7.0
	W	1.2	1.9	2.0	-4	20	1						5.6	6.8
	WNW	. 9	1.6	2,6	.,9	.2							6.3	<u> 1777</u>
	NW	.5	1.3	2.5	1.5	,5	.1					_	6:4	9,5
	NNW	.4	.1.2	2.8	2.1	.8	3	•2					777	11.0
	VARBL													
	CALM		\geq	\geq	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	8.6	
								, .		i	I	1		

TOTAL NUMBER OF OBSERVATIONS 2530

USAFETAC $_{
m AUL~64}^{
m FORM}$ 0.8-5 (OL A) previous editions of this form are obscalte

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

909 STATION	VANC	E AFB C	KLAHOM	A/ENIC)		42-	46,48-	74	EARS			9	EC
		_				ALL WE	ATHER						0900	=1100 (L.S.T.)
		-				сон	DITION							
	SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥5ა	%	MEAN WIND SPEED
	N	.4	.9	2.3	4.9	1.4	. 5	0					10.3	12.5
	NNE	.2	.8	2.1	2.9	.7	.3					1	6.9	11.7
	NE	•3	•5	1.7	1.3	.3	. 1				r		4.1	9.9
	ENE	-2	•5	1.3	•3								2.3	7.9
	E	.5	1.0	.8	-4.						!		2.7	6.7
	ESE	1	.5	,9	.5								2.0	8.3
	SE	-4	1.1	2.1	6								4.3	7.7
	SSE	.4	.9	3.0	1.9	-4	•0						6.6	9.9
	\$.6	1.5	.3.2.	6.0	1.3	-4.						13.1	11.6
	SSW	.3	1.1	3.6	2.4	1.4	.3	•1					9:2	11.6
	SW	.5	• 7	1.7	. 8	1		-			1		3.9	8.5
	WSW	.3	.6	.9	.4	.3	1						2.5	9.3
	w	.6	1.0	1.8	. 5	1	,1	• 0			1		4:2	8.2
	WNW	-4	1.0	2.2	1.4	.5	i						5.6	9.9
	NW	.5	1.0	1.9	2.6	1.0	3	Ò					7:3	11.3
	NNW	5	. 8	3.0	2.9	1.3	.0	2					9.6	12.7
	VARBL							•						
	CALM		\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\ge	$\geq \leq$	$\geq \leq$	\geq		573:	
						· · ·	· ·	•			· · ·		<u>.</u>	

TOTAL NUMBER OF OBSERVATIONS 275

USAFETAC FORM 0-8-5 (UL A) PREVIOUS EDITIONS OF THIS FORM ARS OBSOLETE

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1390C	VANC	E AFB	KLAHOM	A/ENIC)		42	46.48-	74	EARS			<u>D</u>	EC
SIAT.O		_				AÜĻ WE	ATHER		··		_		_1200	-1400 (L.s.T.)
		 -				сон	DITION				_			
İ	SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	,3	1.1	2.4	.4.1	1,8	.9	•0					10.7	12.9
	NNE	.2	.7	.2.1.	2.9	1.0	.1						6.9	11.8
	NE	.5	•7	1.7	1.2	•2	.1						464	9.4
	ENE	.1	.5	.8	•3								167	5.0
	E	-4	.5	.5	• 2			•0					1,7	6.7
	ESE	,4	.4		•3								1.8	6,8
	SE	.5	.6	1,4	.4								2,9	7.6
	SSE	,3	.5	2.6	2.2	.2				<u> </u>			6.0	10.3
	5	.3	1.4	.3.5	6.2.	.1,5				ļ <u>.</u>			13.5	12.2
	SSW	.2.	1.3	.2.9	3.7	.2,7	.1.0	•1					12.0	13.4
	sw	.5	<u> •9</u>	1.6	1.2	,3							4.6	9.6
	wsw	-4	lal	1.2	6	3	3					<u> </u>	3.8	9.5
	w	.7	.7	1.4	5.	2	2	•0					3.7	9.0
	WNW	• 2.	. 8	1.3	1.6	3		#0					4.3	10.3
	NW	.3.	. 8	1,9	2.9	.111			.0	<u> </u>			7.6	
	NNW	1	.7	2.8	.4.4	1.4	1.0	. #0		ļ	<u> </u>		10.5	13.1
	CALM CALM	\sim	\times	>	\sim	> <	> <	>>	\times	\sim	\times	$\geq \leq$	4-1	
		.5.5	12.7	28.9	32.7	10.9	4.8	4	.0				100.0	.11.0

USAFETAC FORM (0-8-5 (OL A) PREVIOUS EDITIONS OF THIS .3RM ARE OBSOLETE

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3909 STATION	VANC	E AFB C	KLAHDN	ALENIO)		42	45,48-	74	TEARS				EC_
		_				ALL WE	ATHER						1500 HOURS	-1700
		<u> </u>				сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	43 - 55	≥56	*	MEAN WIND SPEED
	N	. 8	1.2	3.2	3.9	1.8	-6	1	· · · · · · · · · · · · · · · · · · ·	i			11.3	11.8
	NNE	-6	.8	2.7	2.3	.6	.0			<u> </u>	<u> </u>		7.0	10.1
	NE	-4	.8	1.4	1.0	,2	.1						3.9	9.0
	ENE	.5	.6	1.0	.4	Ó							2:7	7.4
	E	-4	.7	111	- 1								2.3	6.6
	ESE	.5	.9	.6	.3								2.3	6.2
	SE	.5	1.0	1.4	5	.1							3.5	7.5
	SSE	.6	1.6	2.5	2.6	.2							7:5	19.3
	5	1.3	2.5	4.7	.5.4.	1.6	.3						15.7	10.5
	SSW	7	1.1	3.0	3.2	1.5	.3				Ī. ——		9.8	11.3
	SW	.4	.6	.8	. 8	.0							2:7	8.4
	WSW	4	6	1.1	4 .	.1	.1					 I	277	8.9
	w	- 5	. 8	. 8	- 5	.0					 		2.8	7.8
	WNW	- 4	7	1.0	.7	.3	, ž	-0	.1				3.4	10.5
	NW		9	2.0	1.7	. 3	3		.0	 	1		6.1	11.4
	NNW	5	1.3	2.6	3.5	1.3	-4.	- 1	- 1		 -		9.8	12.0
	VARBL					-					 -			
	CALM		\times		>	\geq	>	\times	\geq	\geq	\geq		.6.6	
		0.0	14.0	20.0		0':	o' i		7 :		· ·	7-7		0.5

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

VANC	E AFB Q	KLAL Q'	A/ENID	<u></u> _		42-	46.48	74	iui:			_ <u> </u>	EC
	_				ALL WE	ATHÈR						1800	
	_				Con	DITION				_			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	27 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEA WIN SPEE
N	1.6	.2.1	.3.7	.2.0	1.2	.4						1111	9
NNE	•7	1.3	2.1	1.6	•2	.1						6.0	9
NE	.7	1.2	2.0	.9	•2							5.1	8
ENE	•3	.7	.7	•4								2.1	7
F	1.0	1.5	1.1	:2								3.9	5
ESE	,5	1:1	.9	.2.								2.7	5
SE	. 5	1.5	2.5	-6	0							5,2	7
SSE	•6	.2.9	4.0	2.2	,3							9.9	8
S	1.2	3.4	6.4	4.1	,3	.2				1		15.6	8
ssw	.2	1.7	2.4	1.4	1	-1				1		5.8	. 8
sw	.3	1.1	8	6.		41					L	2.8	7
wsw	.3	.6	.6	0		0					<u> </u>	1.6	7
w	6	5	.5.	.2.		0				<u> </u>		2.0	6
WNW	.3	1.0	. 8	5	. 1		1					2.8	- 8
NW	-6	.9	1.0	1.0	.3	0						4.0	9
NNW	7	1.7	1.9	.1.6	.6	.5				ļ		7.1	10
VARBL	ļļ									<u> </u>	L	 	
CALM	$\geq \leq$	><	><	><	$\geq \leq$	$\geq \leq$	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	12.4	
	10.2	23.4	31.5	17.6	3.4	. 1.4	. 1					Ĭ00.0	7

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.3909	VANC	E AFB C	KLAHOM	AZENID	<u> </u>		42-	46,48-	74	EARS			<u>₽</u>	EC
						AL'L WE	ATHER						2100 HOVE	=2300 ((\$.T.)
		_ _				CON	DITION				-			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
r	N	1.2	.9	2.8	2.6	1.2	.2	1					8.9	10.8
Ī	NNE	1.0	. 8	1.9	1.9	.1	.1						5.8	7.8
	NE	.5	.6	3.1	1.3	.3	• 1						5.9	9.5
	ENE	-4	.8	1.4	2								2.8	7.1
Γ	E	•6	. 8	1.5	• 2								3.1	6.7
	ESE	. 5	. 9	.7	-4:								2.5	6.6
	SE	5	147	2.5.	. 9.								5.6	7.6
	SSE	.8	2.0	3.5	2.1	.2							8.7	8.5
Ĺ	S	. 8	2.6	5.5	,3,5	6.	1						13.1	0.4
L	SSW	6	1.8	4.2	1.9	1	1			<u> </u>	<u> </u>		8.8	8.8
<u>L</u>	sw	. 5		1.4.	4								3.4	6.9
ļ <u>.</u>	WSW	-4	. 7	1.0	.2	62							22.5	7.6
į.	W	1.0	1.5	1.0	3	·							3,9	6.0
-	WNW	5_	6	. 8	6.						ļ	ļ	2:9	9.7
ļ_	NW		8	1.4	1.3				1		<u> </u>		4.3	10.1
L.	NNW	6	142	2.2	1.2	9	-i			<u> </u>	ļ		6.2	10.1
-	VARBL	<u></u>								ļ. ———	Ļ			
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	<i>></i>	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	11.6	
		10-3	18.8	35.0	19.1	.612	· •	.3	i			,	Ĭ00.0	7.8

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13909	VANCE AFB OKLAHOMA/ENID 42-75	ALL
STATION	STATION NAME YEARS	HTKOK
	INSTRUMENT	ALL
	CLASS	HOURS (L S.T.)
	CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,	
	CONDITION	
	AND/OR VERY 1/2 TO 241/2 MT W/CTC 200 FOOD MORE	

	6.5	14.9	29.6	29.2	Ĩ0.4	3.9	7		•0			100.0	10.
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq		-4.7	
VARBL													
NNW	3	.7	2.1	.3.3	2.1	. 9	2	.0.			<u> </u>	9,7	14.
N₩	.2	4	.8	.9	.5	4	1	0				3.3	13.
WNW	.1	. 2	-4	.3	.2.	2		.0		 	Ì	1.6	13.
w	.2	.2	,3	2	.0	.1	•0		.0			1.0	9.
WSW	.1	.2	.2	.1	.î	1	.0	.0		 	· ·	.8	10.
sw	2	3	.5	-2		0		.0		 		1,3	
SSW	42	.6	1.2.	1.2.	.5	.2	•1	•0		<u> </u>		3.8	.11.
5	.5	1.5	3.1	3.8	1.3	. 3	•0					10.4	11.
SSE	•5	1.1	2.6	3.0	77	.1.	•0	0		 		8.2	10.
SE	.6		2,5	1.6	.2	.0				 		6.3	8,
ESE	-6	1.4	1.6	.8						 		4.5	7.
E	.9	1.5	2.2	.8	• 1	.0						5.3	7.
ENE		1.3	2.8	2.0	.1					 		5.5	8.
NNE NE	.5	1.4	3.3	3.7	1.2	3	•0			 		10.4	11.
N	.5	1.4	4.0	6.0	2:5	1.0		0		ļ		15.7	12.
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

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CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

14745-0-

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							VIS	IBILITY (SI	ATUTE MII	LES)	-					
(FEET)	≥ 10	1≥6	≥ 5	≥4	≥ 3	≥ 2 ½	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING					(\ \										
												\sim				\geq
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																<u> </u>
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200								i								
≥ 100 ≥ 0]		95.4		96.9			98.3						100.0

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed \geq 0. For instance, from the table: Ceiling \geq 1500 feet = 92.6%. Ceiling \geq 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table: Visibility ≥ 3 miles = 95.4%. Visibility ≥ 2 miles = 96.9%. Visibility ≥ 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

N. COMPART SERVING

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ALL THE THE

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

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CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-75 ALL
PERCENTAGE EREQUENCY OF OCCURRENCE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (\$)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ESı						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2′′2	≥2	≥1¹2	≥1′•	≥1	≥ 3,4	≥ ′*	≥ ⅓	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	57.6 64.9		60.5 68.5	60.8 68.9	60.9				69.2	69.3	61.1	69.3	61.2		61,2 69.4	
≥ 18000 ≥ 16000	65.2	68.4	69.8	1	69.3	1	69.8	69.5 69.8			69.6	69.5	70.0	69.6 70.0	70.0	69.7 70.1
≥ 14000 ≥ 12000	66.5	72.1	70.4	73.0	70.9	70.9	73,3	71.1	71.1	7111	71.2	71.2	71.2	71.2	71.2	71.3
≥ 9000	70.3	74.9	74.7 75.4	75.1 75.8	75.3	75.3 76.0	75,4 76.1	75.4	75.5	75.5 76.3	75.5 76.3	75.5	75.6	75.6	75.6 76.4	75.7
≥ 8000 ≥ 7000	72.1 73.0		76.8	77.2 78.2	77.4	77.4	77,5	77.6	77.6	77,6 78,7	77.7	77.7	77.7	78.8	77.7	77,8
≥ 6000 ≥ 5000	73.7	78.2	78.8 80.1	79.2 80.6	79.4 89.8	79.5	79,6	79.6	79.7	79.7 81.1	79.8	79.8 81.1	81.2	79,8 81.2	79,8	81.3
≥ 4500 ≥ 4000	75.2	80.0	80.7	81.2	81.4	81.4			81.6	81.7	82.9	81.7 82.9	83.0	83.8	81.8	83.1
≥ 3500 ≥ 3000	76.8	82.0	82.7 84.0		83.5	83,6		83.8	83.8	83.9	83,9	83.9 85.3	83.9	83.9	84.0 85.3	85.4
≥ 2000	78.7	84.4	86.9	85.9	86.2	86.3	88.2	88.2	88.3	86.5	86.6	86.6	88.4	86.7	86,7	
≥ 1800 ≥ 1500	80.2		87.4	7 7 7	88.5	89.8	90.0		90.1	90.2	88 #9 90 • 3		90.3	89.0 90.3	89.0 90.4	90.5
≥ 1200	81.5	89.4	90.7	90.6	91.1	91.1		92.6			92.8	92.8	91.7	91.7	92.9	
≥ 900 ≥ 800	82.1 82.3	89.7 90.1 70.4	91.6 91.6		92.6	92.7				93.3	94.1	93.3	93.4	94.8	93,4 94.2 94.9	93.5 94.3 95.0
≥ /00 ≥ 600	82.6	1	92.3		94.3	93.9 94.4 95.1		95.0	95.1	95.3	94.7 95.4 96.2		95.4	95.5	95.5	93.6
≥ 500 ≥ 400 ≥ 300	82.7	91.1	92.9	94.5	95.4	95.6		96.5	96.6	96.9	97.0		97.2	97.2	97.3	97.4
≥ 200	82.7	91.2	93.1	94.8	95,9	96.1	96.9	97.3	97.4		98.2	98.2	98.5	98.5	98,7	98.8
2 00	.82.7	- 7	1			96.1										100.0

TOTAL NUMBER OF OBSERVATIONS

228366

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

VANCE AFB DKLAHDMA/ENID 42-47,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥21/2	≥2	≥1½	≩1¹₄	≥1	≥ ≀₄	≥ રફ	≥ '2	≥ 5 16	≥ '4	≥0
∠ 20000 ∠ 20000 ∠ 20000 ∠ 20000	53.7 60.9	56.6 64.7	57.1 65.2			57.5 65.8	57,5	57.5 65.9	57.5 65.9			57.6 65.9	57.6 66.0	57.6 66.0	57.6 66.0	57. 66.
≥ 18000 ≥ 16000	61.4	65.2	65.7	66.5	66.2	66.3 56.7	66,3	66.4	66.4	66.4	66.4	56.4	66.5	66.9	66.5	66.
≥ 14000 ≥ 12000	64.9	67.1 69.2	67.7 69.8	68.0	68.2	68.2	68,3	68.3	68.4	68.4	68,4 70.6	68.4	70.6	68.5	68.5	68.
≥ 10000 ≥ 9000	67.1	71.8	71.6	72.0	72.2	72.2 73.0	72,3 73.1	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.
≥ 8000 ≥ 7000	68.0 68,7	72.9 73.6	73.5	74.8	74.2	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.
≥ 6000 ≥ 5000	69.7	74.2	74.8	75.4	75.6	75.6	75,7	75.8	75.8	75.9	73.9	75.9	75.9	76.0	76.0	76. 76.
≥ 450° ≥ 4000	69.9 70.4	75.2 75.8	75.9 76.5	76.4 77.1	76.7	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.1	77,1	77.
≥ 3500 ≥ 3000	70.8 71.3	76.4	77.1 77.8	77.7	77.9	78.0 78.7	78.1	78.2	78.2	78.3 79.0	78,3	78.3	78.3	78.3	78,4	78. 79.
≥ 2500 ≥ 2000	71.9	78.0	78.8 80.2	79.4	79.7 51.2	79.8	80.0	80.1	80.1	80.2	80.2 81.3	80.2	80.3	80.3	80,3	82.
≥ 1800 ≥ 1500	73.7	79.8	80.7 81.9	81.4 62.7	81.7	81.8	82,1	82.2	82.2	82.3	82.3	82.3	83.9	82.4	82.4	82. 84.
≥ 1200 ≥ 1000	74.4	82.0 83.0	83.2	84.1 85.4	84.6	84.7	85,1	85.2	85.2	85.4	85.5	85.5	85,6	87.2	85,6	85. 87.
≥ 900 ≥ 800	75.0 75.2	83.4	84.8 85.5	85.9 86.8	86.6	86.7	87.1	87.3 88.4	87.4	87.6 88.7	87,7	87.7	87.9	87.9	88,0	88.
≥ 700 ≥ 600	75.3	84.3 84.6	86.1 86.6	87.5 88.1	88.4	88,5	90.0	89.4	90.3	89.8	89.9	89.9	90.1	9042	90.2	90.
≥ 500 ≥ 400	75.5 75.5	84.9 85.0	87.0 87.2	85.8	90.0	90.2	90.9	91.3	91.5	92.0	92,2	92.2	92.5	92.5	92.6	92.
≥ 300 ≥ 200	75.5	85.1 85.2	87.4	89.5	90.8	91.0	92,2	92.8	93.1	94,1	94.5	94.5	95.0	95.1	95.2	95.
≥ 100 ≥ 0	75.5	85.2 85.2	87.4	89.4	91.0	91.3	92.6	93.3	93.6	94.9		95.6	96.5	96.6	97.1	97.

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46,49-75

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.)

CEILING					_		VIS	IBILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2⅓	≥2	21%	≥1¼	≥1	≥ 3,4	≥,•	≥ '5	≩ 5 16	≥ 24	≥0
NO CEILING ≥ 20000	51.0 58.3	54.1 62.0	54.5 62.5		55.1 63.2	55.1 63.2	55.2 63.4		55.3 63.5	55,5 63,6	55.5 63.6	55.5 63.6	55.6 63.7	55.6 63.8	55.7 63,8	55.9 64.0
≥ 18000 ≥ 16000	58.4 58.8	62.1 62.7	62.7	63.1 63.7	63.3	63.4	63,5	63.6	63.6	63,8 64.3	63.8	63.8	63.9 64.5	63.9 64.5	64,0 64.6	64.2
≥ 14000 ≥ 12000	59.6 61.0			64.6	64.8		65,0	65.1		65.2		66.9	67.0			67.3
≥ 10000 ≥ 9000	62.5		67.5			68,3		68.6		58.7	68.8	68.8		68.9	69.0	68.7
≥ 8000 ≥ 7000	64.0	68.7	69.3	69.9	70.2	70.3	70.4		70.5	70.6	70.7	70.7	70.8	70.8	70.9	70.3
≥ 6000 ≥ 5000	65.5	70.5	71.2	71.9	71.1		71,3	72.5	72.5	72.7	71.6	71.6	71.7	71.8	72.9	72.0
≥ 4500 ≥ 4000	65,9	71.0 71.8	72,6	72.4	72.7	72.8	72.9	73.0		74.1	73.2 74.2	73.2	73.4	73.4	73,5 74,4	73.7 74.6
≥ 3500 ≥ 3000	68.0	72.6	74.4	74.2	74.5	75.6	75.8	75.9	74.9	75,1 76,1	75,1 76,1	75.1 76.1	75.6	75.3 76.3	75,3 76,4	75.5 76.6
≥ 2500 ≥ 2000	68.9 70.3	74.8	78.0	78.9	77.1	77 2 79,5	77,4	77.5 80.0	77.5 80.0		80.2	80.2	77.J9 80.4	77.9 80.4	80.5	78.2
≥ 1800 ≥ 1500	70.6	77.4	78.6	81.0	81.7	80.2 81.8	82.1	80.6	80.7	80,9 82,5	82.6	82.6	82.7	82.8	81.2	83.0
≥ 1200 ≥ 1000	71.8 72.3 72.5	80.0 81.0	82.8	84.2	83.4	85.2	85.7	85.9	85.0		86.4	86.4 87.2	86.6 87.4	84.7 86.5 87.5		85.0 86.9
≥ 000 ≥ 800	72.8	81.3 81.9 82.3	84.1	85.9	85.7 86.9 87.6	87.1 87.8	87.7	86.7 88.1 89.0	86.8	88.6	87,2 88,7 39.7	87.2 88.7 89.7	89.0	89.0	89.1	89.3 90.3
≥ 500	73.0	82.5	85.0	_ , .		88.5	89,3	89.9	90.0		90.6	93.7	90.9	90.9	91.1	91.3
≥ 406	73.1	82.9	85.6	88.0		90.1	91.2	92.0	92.2	93.1	93.4	93.5		94.0	94.2	94.4
≥ 100	73.1	82.9 83.0	85.7	88.3	90.2	90.6		93.1	93.4	9467	95.3	95.4	96.1	96.3	96.7	97.1
≥ 0	73.1	83.0		88.4	90.3		92.2	9373	93.6				96.7	97.1		100.0

TOTAL NUMBER OF OBSERVATIONS ...

17452

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909 VANCE AFB CKLAHOMA/ENID 42-46,49-75

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

İ						VIS	IBILITY (STA	ATUTE MILI	ESI						
≥10	≥6	≥5	≥ 4	≥ 3	≥21⁄2	≥2	≥1'2	≥1'₄	≥1	≥ 14	≥,,	در ≥	≥ 5 16	≥ '.	≥0
50.6 58.2	53.7			55.2 63.9		64.3		55,6 64,4		ا مما	55.7 64.5			55,8 64,6	
58.5 58.7	62.3 62.4	63.2	63.9 64.0	64.2	64.5	64,6	64.6 64.8	64.7	64,8	64.8 65.0	64.8	64.9	64.9	64.9 65.1	65.0
60.7	64.8	65.8	65.0	65.3	65.4	65.7	65.8 67.3	65,8	67.4	67,5	65.9	67.5	67.5	67.6	67.7
62.3	66.6	67.6	68.4	68.8	68.8	69.2	69.3	69.3	69.4	69.4	69.4	64.5	69.5	69.5	69.6
64.1	68.8	69.9	70.7	71e1	71.2	71.5	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.9	70.8
65.6	70.7	71.9	72.8	73.3	73.3	73,7	73.8	73.8	73.9	74.0	74.0			74.0	72.7
66.8	72.3	73.6	74.5	75.0	75.1	75.4	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.9
68-4	74.4	75.8	76.8	77.3	77.4	77.8	77.9	78.0	78.0	78.1	78.1	78.2	78.2	78.2	78.3
71.2	78.3	79.9	81.1	81.8	21.9	82,4	82.5	82.5	82.7	82.8	82.8	82.8	82.8	82.9	83.0
72.7	80.7	82.4	83.8	84.5	84.7	85.1	35.3	85.3	85.5	85.6	85.6	85.7	85.7	85.7	85.8
74.0	83.5	85.7 86.2	87.3	88.4	88.5	89.1	89.3	89.4	89.6	89.7	90.5	90.6	89.8 90.6	89.9 90.6	90.0
74.6	84,4	86.7	88.7	89.8 90.6	90.1	90.7	90.9	91.0 91.9	91.3	91.4	91.4	92.5	91.5	91.6	91.7
74.8	85.1 85.4	87.7	89.9	91.3	91.5	92,3	92.6	92.7		94,5	93.2	94.7	94.8	93,4	93.5
74.8	85.7	88.7	91.4	92.9	93.2	94,3	94.8	95.9	96.6	97.0	97.0	95.9	97.3	97.4	97.6
74.8	85,8	88.7	91.5	93.6	94.0	95,4	96.2	96,4	97,3	97.9	98.0	98.4	98,5	98.7	99.1
	50.6 58.2 58.3 58.7 59.5 60.7 62.0 63.3 64.1 64.6 65.6 65.6 65.6 67.5 68.4 67.5 71.2 71.8 72.7 73.4 74.0	50.6 53.7 58.2 62.0 58.3 62.3 58.7 62.4 59.5 63.3 60.7 64.8 62.0 66.2 62.3 67.7 64.1 68.8 64.6 69.4 65.6 70.7 65.6 70.7 65.6 70.7 65.6 70.7 71.8 79.2 71.8 79.2 71.8 83.5 74.8 85.4 74.8 85.4 74.8 85.8 74.8 85.8	50.6 53.7 54.4 58.2 62.0 62.9 58.3 62.3 63.2 58.7 62.4 63.3 59.5 63.3 64.3 60.7 64.8 65.8 62.0 66.2 67.2 62.3 66.6 67.6 63.3 67.7 68.8 64.1 68.8 69.9 64.6 69.4 70.6 65.6 70.7 71.9 65.6 70.7 71.9 66.8 72.3 73.6 67.5 73.2 74.6 68.4 74.4 75.8 69.5 75.9 77.3 71.2 78.3 79.9 71.8 79.2 80.8 72.7 80.7 82.4 73.4 82.1 84.1 74.0 83.5 85.7 74.8 85.4 88.2 74.8 85.8 88.7 74.8 85.8 88.7 74.8 85.8 88.7	50.6 53.7 54.4 54.9 58.2 62.0 62.9 63.6 58.5 62.3 63.2 63.9 58.7 62.4 63.3 64.0 59.5 63.8 65.8 66.5 62.0 66.2 67.2 68.0 62.3 66.6 67.6 68.8 69.6 64.1 68.8 69.9 70.7 64.6 69.4 70.6 71.4 65.6 70.7 71.9 72.8 66.0 71.3 72.6 73.5 66.8 72.3 73.6 74.5 67.5 73.2 74.6 75.6 68.4 74.4 75.8 76.8 69.5 75.9 77.3 78.4 71.2 78.3 79.9 81.1 71.8 79.2 80.8 82.1 72.7 80.7 82.4 63.8 73.4 82.1 84.1 85.6 74.0 83.5 85.7 87.3 74.2 83.9 86.2 88.0 74.4 84.4 86.7 88.7 74.6 84.4 86.7 88.7 74.8 85.4 88.2 90.6 74.8 85.8 88.7 91.4 74.8 85.8 88.7 91.4 74.8 85.8 88.7 91.4 74.8 85.8 88.7 91.4 74.8 85.8 88.7 91.4 74.8 85.8 88.7 91.4 74.8 85.8 88.7 91.4 74.8 85.8 88.7 91.4 74.8 85.8 88.7 91.4 74.8 85.8 88.7 91.4 74.8 85.8 88.7 91.5 7	50.6 53.7 54.4 54.9 55.2 58.2 62.0 62.9 63.6 63.9 58.5 62.3 63.2 63.9 64.2 58.7 62.4 63.3 64.0 64.4 59.5 63.3 64.3 65.0 65.3 60.7 64.8 65.8 66.5 66.8 62.0 66.2 67.2 68.0 68.3 62.3 66.6 67.6 68.4 68.8 69.9 70.7 71.1 64.6 69.4 70.6 71.4 71.8 65.6 70.7 71.9 72.6 73.3 73.9 66.8 72.3 73.6 73.3 73.6 73.3 73.9 66.8 72.3 73.6 73.5 73.9 66.8 72.3 73.6 73.5 73.9 66.8 72.3 73.6 73.5 73.9 66.8 72.3 73.6 73.5 73.9 66.8 72.3 73.6 73.5 73.9 66.8 72.3 73.6 73.5 73.9 67.5 73.2 74.6 75.6 76.1 68.4 74.4 75.8 76.8 77.3 78.4 79.0 71.2 78.3 79.9 81.1 81.8 71.8 79.2 80.8 82.1 82.8 72.7 80.7 82.4 83.8 84.5 73.4 82.1 84.1 85.6 86.5 74.0 83.5 85.7 87.3 88.4 74.2 83.9 86.2 88.0 89.1 74.2 83.9 86.2 88.0 89.1 74.4 84.4 86.7 88.7 89.8 74.6 84.4 86.7 88.7 89.8 74.6 84.4 86.7 88.7 89.8 74.8 85.8 87.2 89.3 90.6 74.7 85.1 87.7 89.9 91.2 74.8 85.8 88.7 91.4 93.4 74.8 85.8 88.7 91.4 93.4 74.8 85.8 88.7 91.5 93.6 74.8 85.8 88.7 91.5 93.6 74.8 85.8 88.7 91.5 93.6 74.8 85.8 88.7 91.4 93.4 74.8 85.8 88.7 91.5 93.6 74.8 85.8 88.7 91.5 93.6 74.8 85.8 88.7 91.5 93.6 74.8 85.8 88.7 91.5 93.6 74.8 85.8 88.7 91.5 93.6 74.8 85.8 88.7 91.5 93.6 74.8 85.8 88.7 91.5 93.6 74.8 85.8 88.7 91.5 93.6 74.8 85.8 88.7 91.5 93.6 74.8 85.8 88.7 91.5 93.6 74.8 85.8 88.7 91.5 93.6 74.8 85.8 88.7 91.5 93.6 74.8 85.8 88.7 91.5 93.6	50.6 53.7 54.4 54.9 55.2 55.2 58.2 62.0 62.9 63.6 63.9 64.0 58.5 62.3 63.2 63.9 64.2 64.3 58.7 62.4 63.3 64.0 64.4 64.5 59.5 63.3 64.3 65.0 65.3 65.4 60.7 64.8 65.8 66.5 66.8 66.9 62.0 66.2 67.2 68.0 68.3 68.4 62.3 66.6 67.6 68.6 68.8 68.8 63.3 67.7 68.8 69.6 70.0 70.0 64.1 68.8 69.9 70.7 71.1 71.2 64.6 69.4 70.6 71.4 71.8 71.9 65.6 70.7 71.9 72.8 73.3 73.3 64.0 67.5 73.2 74.6 75.6 76.1 76.2 68.4 74.4 75.8 75.6 76.1 76.2 68.4 74.4 75.8 76.8 77.3 77.4 69.5 75.9 77.3 78.4 79.0 79.1 71.2 78.3 79.9 81.1 81.8 81.9 71.8 79.2 80.8 82.1 82.8 82.9 72.7 80.7 82.4 83.8 84.5 84.7 73.4 82.1 84.1 85.6 86.5 86.7 74.0 83.5 85.7 87.3 88.4 88.5 74.0 83.5 85.7 87.3 88.4 89.3 74.0 83.5 85.7 87.3 88.4 89.3 74.0 83.5 85.7 87.3 88.4 89.3 74.0 83.5 85.7 87.3 88.4 89.3 74.0 83.5 85.7 87.3 88.4 89.3 74.0 83.5 85.7 87.3 88.4 89.3 74.0 83.5 85.7 87.3 88.4 89.3 74.0 83.5 85.7 87.3 88.4 89.3 74.0 83.5 85.7 87.3 88.4 89.3 74.0 83.5 85.7 87.3 88.4 83.7 89.9 91.3 91.5 74.8 85.8 83.7 91.4 93.4 93.7 74.8 85.8 83.7 91.4 93.4 93.7 74.8 85.8 83.7 91.4 93.4 93.7 74.8 85.8 83.7 91.4 93.4 93.7 74.8 85.8 83.7 91.5 93.6 93.9 74.0 83.5 83.7 91.5 93.6 93.9 74.0 83.5 83.7 91.5 93.6 93.9 74.0 83.5 83.7 91.5 93.6 93.9 74.0 83.5 83.7 91.5 93.6 93.9 74.0 83.5 83.7 91.5 93.6 93.9 74.0 83.5 83.7 91.5 93.6 93.9 74.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93	50.6 53.7 54.4 54.9 55.2 55.2 55.5 58.2 62.0 62.9 63.6 63.9 64.0 64.3 58.7 62.4 63.3 64.0 64.4 64.5 64.8 59.5 63.3 64.0 64.4 64.5 64.8 59.5 63.3 64.0 64.4 64.5 64.8 65.8 66.5 66.8 66.9 67.2 62.0 66.2 67.2 68.0 68.3 68.4 68.7 62.3 66.6 67.6 68.4 68.8 68.8 69.2 63.3 67.7 68.8 69.6 70.0 70.0 70.4 64.1 68.8 69.9 70.7 71.1 71.2 71.5 64.6 69.4 70.6 71.4 71.8 71.9 72.2 65.6 70.7 71.9 72.8 73.3 73.3 73.7 65.0 71.3 72.6 73.5 73.9 74.0 74.3 65.6 70.7 71.9 72.8 73.3 73.3 73.7 65.0 71.3 72.6 73.5 73.9 74.0 74.3 66.8 72.3 73.6 73.5 73.9 74.0 74.3 66.8 72.3 73.6 73.5 73.9 74.0 74.3 66.8 72.3 73.6 73.5 73.9 74.0 74.3 66.8 72.3 73.6 73.5 73.9 74.0 74.3 66.8 72.3 73.6 73.5 73.9 74.0 74.3 66.8 72.3 73.6 73.5 73.9 74.0 74.3 69.5 73.2 74.6 75.6 76.1 76.2 76.5 68.4 74.4 75.8 76.8 77.3 77.4 77.8 69.5 75.9 77.3 78.4 79.0 79.1 79.5 71.2 78.3 79.9 81.1 81.8 81.9 82.4 71.8 79.2 80.8 82.1 82.8 82.9 83.3 72.7 80.7 82.4 83.8 84.5 84.7 85.1 74.0 83.5 85.7 87.3 88.4 88.5 89.1 74.2 83.9 86.2 88.0 89.1 89.3 89.8 74.0 83.5 85.7 87.3 88.4 88.5 89.1 74.2 83.9 86.2 88.0 89.1 89.3 89.8 74.0 83.5 85.7 87.3 88.4 88.5 89.1 74.2 83.9 86.2 88.0 89.1 89.3 99.5 74.0 83.5 85.7 87.3 88.4 88.5 89.1 74.2 83.9 86.2 88.0 89.1 89.3 99.5 74.0 83.5 85.7 87.3 88.4 88.5 89.1 74.8 85.4 86.7 88.7 89.9 91.2 91.5 92.3 74.8 85.1 87.7 89.9 91.2 91.5 92.3 74.8 85.8 88.7 91.4 92.9 93.2 94.3 74.8 85.8 88.7 91.4 92.9 93.2 94.3 74.8 85.8 88.7 91.4 93.4 93.7 95.0 74.8 85.8 88.7 91.4 93.4 93.7 95.0 74.8 85.8 88.7 91.4 93.4 93.7 95.0 74.8 85.8 88.7 91.4 93.4 93.7 95.0 74.8 85.8 88.7 91.5 93.6 93.9 95.4 74.8 85.8 88.7 91.5 93.6 93.9 95.4 74.8 85.8 88.7 91.5 93.6 93.9 95.4 74.8 85.8 88.7 91.5 93.6 93.9 95.4 74.8 85.8 88.7 91.5 93.6 93.9 95.4 74.8 85.8 88.7 91.5 93.6 93.9 95.4 74.8 85.8 88.7 91.5 93.6 93.0 93.9 95.4 74.8 85.8 88.7 91.5 93.6 93.0 93.9 95.4 74.8 85.8 88.7 91.5 93.6 93.0 93.9 95.4 74.8 85.8 88.7 91.5 93.6 93.0 93.9 95.4 74.8 85.8 88.7 91.5 93.6 93.0 93.9 95.4 74.8 85.8 88.7 91.5 93.6 93.0 93.9 95.4 74.8 85.8 88.7 91.5 93.6 93.0 93.9 95.4 74.8 85.8 88.7 91.5 93.6 93.0 9	50.6 53.7 54.4 54.9 55.2 55.2 55.5 55.5 58.2 62.0 62.9 63.6 63.9 64.0 64.3 64.3 64.3 58.5 62.3 63.2 63.9 64.2 64.3 64.6 64.8 59.5 63.3 64.0 64.4 64.5 64.8 64.8 59.5 63.3 64.0 65.3 65.4 65.7 65.8 60.7 64.8 65.8 66.5 66.8 66.9 67.2 67.3 62.0 66.2 67.2 68.0 68.3 68.4 68.7 69.3 67.7 68.8 69.6 70.0 70.0 70.4 70.5 64.1 68.8 69.9 70.7 71.1 71.2 71.5 71.6 64.6 69.4 70.6 71.4 71.8 71.9 72.2 72.3 65.6 70.7 71.9 72.8 73.3 73.3 73.7 73.8 65.0 71.3 72.6 73.5 73.3 73.3 73.7 73.8 65.0 71.3 72.6 73.5 73.9 74.0 74.3 74.4 66.8 72.3 73.6 74.5 75.0 75.1 75.4 75.5 67.5 73.2 74.6 75.6 76.1 76.2 76.5 76.6 68.4 74.4 75.8 76.8 77.3 77.4 77.8 77.9 69.5 75.9 77.3 78.4 79.0 79.1 79.5 79.6 71.2 78.3 79.9 81.1 81.8 81.9 82.4 82.5 71.8 79.2 80.8 82.1 82.8 82.9 83.3 83.5 72.7 80.7 82.4 83.8 84.5 84.7 85.1 85.3 74.0 83.5 85.7 87.3 88.4 88.5 89.1 89.3 74.0 83.5 85.7 89.8 90.0 90.9 90.8 91.5 92.9 93.4 93.8 74.0 83.5 83.5 73.5 93.6 93.9 93.4 93.8 74.0 83.5 83.5 73.5 93.6 93.9 93.4 93.8 74.8 85.8 88.7 93.5 93.6 93.9 93.4 93.8 74.8 85.8 88.7 93.5 93.6 93.9 93.4 93.8 74.8 85.8 88.7 93.5 93.6 93.9 93.4 93.8 74.8 85.8 88.7 93.5 93.6 93.9 93.4 93.8 7	50.6 53.7 54.4 54.9 55.2 55.2 55.5 55.5 55.6 58.2 62.0 62.9 63.6 63.9 64.0 64.3 64.3 64.3 64.7 58.5 62.3 63.2 63.9 64.2 64.3 64.6 64.7 58.7 62.4 63.3 64.0 64.4 64.5 64.8 64.8 64.9 59.5 63.3 64.3 65.0 65.3 65.4 65.7 65.8 65.8 60.7 64.8 65.8 66.5 66.8 66.9 67.2 67.3 67.3 62.0 66.2 67.2 68.0 68.3 68.4 68.7 68.8 68.8 62.3 66.6 67.6 68.4 68.8 68.8 69.2 69.3 69.3 69.3 67.7 68.8 69.9 70.7 71.1 71.2 71.5 71.6 71.6 64.1 68.8 69.9 70.7 71.1 71.2 71.5 71.6 71.6 64.1 68.8 69.9 70.7 71.1 71.2 71.5 71.6 71.6 65.6 70.7 71.9 72.8 73.3 73.7 73.8 73.8 65.6 70.7 71.9 72.8 73.3 73.7 73.8 73.8 65.6 71.3 73.6 73.5 73.9 74.0 74.3 74.4 74.5 66.8 72.3 73.6 73.5 75.0 75.1 75.4 75.5 75.6 68.4 73.3 73.2 74.6 75.6 76.1 76.2 76.5 76.0 76.0 68.4 74.4 73.8 76.8 77.3 77.4 77.8 77.9 78.0 69.5 75.9 77.3 78.4 79.0 79.1 79.5 79.0 79.7 71.2 78.3 79.9 81.1 81.8 81.9 82.4 82.5 82.5 82.5 71.8 79.2 80.8 82.1 82.8 82.9 83.3 83.5 83.5 73.4 74.4 84.1 85.6 86.5 86.7 87.1 87.3 87.4 74.0 83.5 85.7 87.3 88.4 88.5 89.1 89.3 89.4 74.0 83.5 85.7 87.3 88.4 88.5 89.1 89.3 89.4 74.4 84.4 86.7 88.7 89.8 90.1 90.7 90.9 91.0 74.6 84.8 87.2 89.9 91.2 91.5 92.5 92.3 92.6 92.7 74.8 85.4 88.2 89.3 90.6 92.2 92.5 92.3 92.6 92.7 74.8 85.8 88.7 91.4 93.4 93.7 95.0 95.7 95.9 74.8 85.8 88.7 91.4 93.4 93.7 95.0 95.7 95.9 74.8 85.8 88.7 91.4 93.4 93.7 95.0 95.7 95.9 74.8 85.8 88.7 91.4 93.4 93.7 95.0 95.7 95.9 74.8 85.8 88.7 91.4 93.4 93.7 95.0 95.7 95.9 74.8 85.8 88.7 91.4 93.4 93.7 95.0 95.7 95.9 74.8 85.8 88.7 91.4 93.4 93.7 95.0 95.7 95.9 74.8 85.8 88.7 91.4 93.4 93.7 95.0 95.7 95.9 74.8 85.8 88.7 91.4 93.4 93.7 95.0 95.7 95.9 74.8 85.8 88.7 91.4 93.5 93.6 93.9 95.4 96.1 96.4 74.8 85.8 88.7 91.5 93.6 93.9 95.4 96.1 96.4 74.8 85.8 88.7 91.5 93.6 93.9 95.4 96.1 96.4 74.8 85.8 88.7 91.5 93.6 93.9 95.4 96.1 96.4 74.8 85.8 88.7 91.5 93.6 93.0 93.9 95.4 96.1 96.4 74.8 85.8 88.7 91.5 93.6 93.0 93.9 95.4 96.1 96.4 74.8 85.8 88.7 91.5 93.6 93.0 93.9 95.4 96.1 96.4 74.8 85.8 88.7 91.5 93.6 93.0 93.9 95.4 96.1 96.4 74.8 85.8 88.7 91.5 93.6 93.0 93.9 95.4 96.1 96.4 74.8 85.8 88.7 91.5 9	50.6 53.7 54.4 54.9 55.2 55.2 55.5 55.5 55.6 55.6 58.6 58.2 62.0 62.9 63.6 63.9 64.0 64.3 64.6 64.6 64.7 64.8 58.7 62.4 63.3 64.0 64.4 64.5 64.8 64.8 64.9 64.9 69.9 59.5 63.3 64.3 65.0 65.3 65.4 65.7 65.8 65.8 65.9 60.7 64.8 65.8 65.8 66.5 66.8 66.9 67.2 67.3 67.3 67.4 62.0 66.2 67.2 68.0 68.3 68.4 68.7 68.8 68.8 68.9 62.3 66.6 67.6 68.8 69.2 69.3 69.3 69.3 67.7 68.8 69.9 70.7 71.1 71.2 71.5 71.6 71.6 71.7 64.6 69.4 70.6 71.4 71.8 71.9 72.2 72.3 72.4 72.4 65.6 70.7 71.9 72.8 73.3 73.3 73.7 73.8 73.8 73.8 73.9 66.0 71.3 72.6 73.5 73.9 74.0 74.3 74.4 74.5 74.5 66.8 72.3 73.6 74.5 75.0 75.1 75.4 75.5 75.6 76.7 68.7 68.8 77.9 78.0 78.0 78.0 78.8 73.2 74.4 75.8 76.8 77.3 77.4 77.8 77.9 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0	50.6 53.7 54.4 54.9 55.2 55.2 55.5 55.5 55.6 55.6 55.7 58.2 62.0 62.9 63.6 63.9 64.0 64.3 64.3 64.3 64.6 64.7 64.8 64.8 58.7 62.4 63.3 64.0 64.4 64.5 64.8 64.8 64.9 64.9 65.0 59.5 60.7 64.8 65.8 65.8 65.8 65.8 65.8 65.9 65.9 60.7 64.8 65.8 66.5 66.8 66.8 68.7 68.8 68.8 68.9 69.0 62.3 66.2 67.2 68.0 68.3 68.4 68.7 68.8 68.8 68.9 69.0 62.3 66.6 67.6 68.8 68.8 68.9 69.0 62.3 66.6 67.6 68.8 68.8 68.9 69.0 62.3 66.6 67.6 68.8 68.8 68.9 69.0 62.3 66.0 67.6 68.8 68.8 68.8 68.9 69.0 62.3 66.0 67.6 68.8 68.8 68.8 68.8 69.2 69.3 69.3 69.4 69.4 69.4 69.2 69.3 69.3 69.3 69.3 69.4 69.4 69.4 69.2 69.3 69.3 69.3 69.3 69.3 69.3 69.3 69.3	50.6 53.7 54.4 54.9 55.2 55.2 55.5 55.5 55.6 55.6 55.7 55.7 55.7 58.2 62.0 62.9 63.6 63.9 64.0 64.3 64.6 64.7 64.8 64.8 64.8 58.7 62.4 63.3 64.0 64.4 64.5 64.8 64.8 64.8 58.7 62.4 63.3 64.0 64.4 64.5 64.8 64.8 64.8 64.8 64.8 65.9 65.9 65.9 65.9 60.7 64.8 65.8 65.8 65.9 65.9 65.9 65.9 60.7 64.8 65.8 65.8 66.5 66.8 66.9 67.2 67.3 67.4 67.5 67.5 67.5 62.0 66.2 67.2 68.0 68.3 68.4 68.7 68.8 68.9 69.0 69.0 62.3 66.6 67.6 68.4 68.8 68.8 69.2 69.3 69.3 69.4 69.4 69.4 69.4 64.1 68.8 69.9 70.7 71.1 71.2 71.5 71.6 71.6 71.7 71.8 71.8 71.8 64.6 69.4 70.6 71.4 71.8 71.9 72.2 72.3 72.4 72.4 72.5 72.5 65.6 60.0 71.3 72.6 73.3 73.3 73.7 73.8 73.8 73.9 74.0 74.0 66.8 72.3 73.6 74.5 75.6 75.7 75.7 67.5 73.2 74.6 75.6 75.6 75.0 75.1 75.4 73.2 74.4 75.8 76.8 68.4 74.4 75.8 75.8 75.8 75.9 77.3 77.4 77.8 77.9 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0	50.6 53.7 54.4 54.9 55.2 55.2 55.5 55.5 55.6 55.6 55.7 55.7 55.7 58.2 62.0 62.9 63.6 63.9 64.0 64.3 64.3 64.4 64.5 64.5 64.8 64.8 64.9 58.7 62.4 63.3 64.0 64.4 64.3 64.8 64.8 64.8 64.9 58.7 62.4 63.3 64.0 64.4 64.5 64.8 64.8 64.9 65.0 65.0 65.0 65.0 65.0 65.7 62.4 63.3 64.3 65.0 65.3 65.4 65.7 65.8 65.8 65.9 65.9 65.9 65.9 66.0 60.7 64.8 65.8 65.8 65.8 65.8 65.8 65.8 67.5 67.5 67.5 67.5 67.5 67.5 67.7 64.8 65.8 65.8 66.8 66.9 67.2 67.3 67.3 67.4 67.5 67.5 67.5 67.5 67.5 67.7 68.8 69.9 69.0 69.0 69.0 69.0 62.3 66.6 67.6 68.8 68.8 68.8 68.8 68.9 69.0 69.0 69.0 69.0 62.3 66.6 67.6 68.4 68.8 68.8 68.8 69.2 69.3 69.3 69.4 69.4 69.4 69.5 67.5 64.1 68.8 69.9 70.7 71.1 71.2 71.5 71.6 71.6 71.6 71.7 71.8 71.8 71.8 71.8 71.8 71.8 71.8	50.6 53.7 54.4 54.9 55.2 55.2 55.5 55.5 55.5 55.6 55.6 55.7 55.7 55.7	50.6 53.7 54.4 54.9 55.2 55.2 55.5 55.5 55.6 55.6 55.7 55.7 55.7 55.7

TOTAL NUMBER OF OBSERVATIONS

19015

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY 'STA	ATUTE MIL	ES)			1			
FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥11⁄2	≥1'4	≥1	≥ 34	≥ >₁	≥ '2	≥5 16	≥ .	≥0
NI CEILING ≥ 200CO	50.1 58.5	53.0			53.9 63.6			54.1 63.8	54.1 63.8	54.2 63.9	54.2 63.9	54.2	54.3	54.3	54.3	54.3 64.1
±± 18000 ≥ 16000	58.7 59.0	62.6		63.6	63.8 64.2	63,8 64.2	64.0 64.4	64.Q 64.4	64.4	64.5	64.2	64.2	64.2	64.2	64,2	64.3 64.7
≥ 14000 ≥ 12000	59.8 61.2	63.9		64.9	65.2	65.2 67.0	67.1	67.2	67.2	65,5 67,3	65.5 67.3	67.3	65.6 67.4	67.6	65.6	65.7 67.5
≥ 10000 ≥ 9000	63.8	67.8 68.6	69.2	68.9	69.2 70.0	69.2 70.0	70.2	70.2	70.2	70.3	69.6 70.4	70.4	70.4	70.4	70.4	69.7 70.5
≥ 8000 ≥ 7000	65.0	70.1	70.7	71.2	71.5	71.5	71,67 73.1	71.3	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.1
≥ 6000 ≥ 5000	67.2 68.3	72.6	73,3	73.8	74.1	74.2	74.4	74.4	74.4	74,5	74.6	74.6	74.6	74.6	74.6	74.7
≥ 4500 ≥ 000	68.8 70.1	74.8	75.6	70:2	78.0	76.6	76,8	76.8	78.4	77,0	77.0 78.6	77.0	77.1	78.6	78,6	77.2
≥ 3500 ≥ 3000 ≥ 2500	71.1 72.6 74.0	77.6 79.4 81.3	80.4	81.1	81.5	79.5 81.6	79.8 81.9	79.8 81.9	82.0	80.0	82.1	82.1	82.2	80.1 82.2	80.1	80.2
≥ 2000 ≥ 1300	75.6 76.1	84.2	84.7	83 • 2 85 • 6 86 • 4	83.6 86.1	83.7 86.1 56.9	83,9 86,4 87,2	84.0 86.5 87.3	86,5 87.3	84,2 86,7 87,5	86:7 87.5	86.7	86.8	86.8	84.3 86.8	84.4
≥ 1500	77.3	86.1	87.4	88.4 90.5	89.0	89:1	89,4 91,5	89.4	89.5 91.6	89.7	89.7	89.7	87.6 89.8	89.8	89.8	39.9 92.0
≥ 1 00	79.0	88.9	90.5		92.6		93,0	91.0 93.2 93.7	93.2	93.4	93,5	93.5	93.5	93.5	93,5	93.6
≥ 800 ≥ 700	79.4 79.5	89.9 90.4	91.7	93.2	94.0	94.2	94.6	94.7	94.8	95.0 95.8	95.1 95.8	95.1	95.1	95.2	95.2	95.2 96.0
≥ 600	79.6	90.6	92.5	94.3	95.8	95.3 95.9	95.9	96.1	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.7
≥ 400 ≥ 300	79.7	91.1	93.1	95.1	96.2	96.4	97.3	97.5 98.1	97.7	98.1	98.2	98.2	98.3	98.3	99.0	98.4
≥ 200	79.8 79.8	,	93.2	95.4	96.7	96.9	97,9	98.4	98.5	99.0	99.2	99.2	99.5	99.4		99.5
≥ 0	79.8	91.1	93.2		96.7	96.9		98.4			99.3	99.3		99.6		100.0

CEILING VERSUS VISIBILITY

VANCE AFB OKLAHOMA/ENID 42,44-46,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	ling							VIS	BILITY (ST	אזטזכ אווו	ES:						
F	E'	≥10	≥6	≥5	≥4	≥3	≥212	≥ 2	≥1 2	≥1'4	≥ì	≥ 14	- '8	≥'.	≥ 5 16	≥',	≥0
	EILING	51.3	53.8	54,0	54.2	54.3	54.3	54,4	54.4	54.4	5444	54.5	54.5	54.5	54.5	54.5	54.5
2.7	0000	60.3	63.7	64.0	64,3	64.4	64,4	64,5	64.5	64.5	54.6	64,6	64.6	64,6	34.6	64.7	64.7
	8000	60.5	63.9	64.2	64.4	64.6	64,6	64,6	64-7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8
	6000	60.6	.64.1	64.4	64.7	64.8	64,8	64.9	64.9	64.9	64,9	65.0	65.0	65.0	65.0	65.0	65.1
	4000	61.6	65.2			66.0	66.0	66,0	56.1	66,1	66,1	66,2	66.2	66.2	66.2	65.2	66.3
_ 2	2000	63.5	67.5	67,8	68.1	63.2	68.2	68,3	6.9 غ	68.3	68.4	68.4	68.4	58.4	68.4	68.5	68.5
	0000	65.8	70.0	70.4	70.7	70.8	70.8	70.9	70.5	70.9	71.0	71.0	71.0	71,0	71.0	71,1	71.1
≥	9000	66.6	71.0		71.7	71.8	71,9	71.9	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72,1	72.1
	8000	68.1	72.9		73.6	73.8	73.8	73,8	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.1
≥	7000	69.5	74.4	74.9	75.2	75.4	75.4	75.4	75.4	75.5	75,5	75.5	79,5	75.6	75.6	75.6	75.7
	6000	70.3	75.5	76.0	76.4	76.5	76.5	76,6	76.6	76.6	76,7	76.7	75.7	7617	76.8	76,8	76.8
_ ≥	5000	72.0	77.7	78.2	78.5	78.7	78.7	78,8	78.8	78.3	73.9	78.9	78.9	78.9	78.9	79.0	79.0
	4500	72.7	78.5	79.0	79.4	79.5	79.6	79,6	79.6	79.7	79,7	79.5	79.8	79.8	79.8	79,8	79,9
≥	4000	74.1	80.3	80.9	81.4	81.6	81.6	81.6	81.7	81.7	81,7	81.8	81.8	81.8	81.8	81.8	81.9
	3500	75.1	81.6	82.3	82.8	83.0	83.1	83,1	83.2	83.2	83,2	83,3	83.3	83.3	83.3	83.3	83.4
≥	3000	76.8	83.7	84.4	84.9	85.2	85.2	85,3	85.3	85.3	85.4	85,4	85.4	85.5	85.5	85.5	85.6
	2500	78.3	85.6	86,4	87.0	87.3	87.3	87.4	87.4	87.4	87.5	87,5	87.5	87.6	87.6	87,6	87.7
≥	2000	79.9	87.8	88.7	89.3	89.6	89.6	89,7	89.8	89.8	89.9	89.9	89.9	90.0	40.0	90.0	90.1
	1800	80.4	83.4	89.4	90.0	90-3	90.3	90,4	90,5	90-5	90.6	90,6	90.6	90.7	90.7	90.7	90.8
2	1500	81.4	89.8	90.9	91.6	91.9	91.9	92,0	92.1	9211	92.2	9232	92.2	92.3	92.3	92.3	92.4
2	1200	82.3	91.0	92.2	93.1	93.4	93.4	93,5	93.6	93.6	93.7	93.8	93.8	93.8	93,8	93,8	93.9
2	1000	82.8	91.9	93.2	94.1	9404	94.5	94,6	94.7	94.7	94,8	94,9	194.9	94.9	94.9	94.9	95.0
2	900	82.9	92.2	93.6	94.5	9429	94.9	95,1	95.2	95.2	9533	95,3	195:3	95.4	95.4	95,4	95.5
2	800	83.2	92.7	94.1	95.2	95.6	95.7	95,9	95.9	95.9	96,1	96,1	96.1	96.1	96.2	96.2	96.2
2	700	83.3	93.1	94.5	95.7	96.1	96.2	96,4	96.5	95,5	96,6	96,7	.96.7	96.7	96,7	96,8	96.8
≥	600	83.5	193.4	95.0	96.1	96.6	96.7	97,0	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.4
2	500	83.7	93.8	95.5	96.7	97.3	97.4	97,7	97.8	97,9	98.0	98.0	98.0	98.1	98.1	98.1	98.2
2	400	83.7	93.9	95.7	97.1	9777	97.8	98.2	98.3	98.4	98.5	78.6	198.6	98.6	98.6	98.7	98.7
2	300	83.7	94.0	95,9	97.3	98.0	98,1	98,6	98.7	98.8	99,0	99,0	99.0	99.1	99:2	99.2	99.3
2	200	83.8	94.1	95.9	97.4	98.1	98.3	98.8		99-0	99.3	99.4	99.4	99.5	99.5	99.6	99.7
	100	83.8		95.9	97.4	98.1	98.3	98,8		99.1	99,4		99.4	99.6	99.6		99.8
≥	0	83.8	94.1	95.9		98.1	98.3	98.8			99.4	99.4	99,5	99.6			100-0

TOTAL NUMBER OF OBSERVATIONS

18692

USAF ETAC 131.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

1

13909 VANCE AFB OKLAHOMA/ENID

42-46,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (3)

CEIUNG							VIS	BILITY (STA	ATUTE MILE	E\$1						
FEET.	≥10	≥6	≥5	≥ 4	≥3	≥2'2	≥ 2	≥1 ,	≥1'4	≥1	≥ 1,	≥,,	≥ ,	≥ 5 16	٤.	≥0
NO CEILING ≥ 20000	59.0 67.9	61.1	61.4 71.1	61.6		61.7	61.7	61.7	61.7	61,7	61.7	61.7	61.7 71.5	61.7 71.5	61.8	61.8
≥ 18000 ≥ 16000	68.1	71.0	71.6	71.6	-	71.7 71.9	71,7	71.7	71.7	71,7	71.7	71.7 72.0	71.7	71.7	71,8	71.8
≥ 14000 ≥ 12000	69.7 71.9	72.8	73.2 75.6	73.4	73.5	73.5 75.9	73.5 76.0	73.5	73.5	73,5 76.0	73,5 76.0	73.5	73.6	73.6 76.0	73.6 76.0	73.6 76.1
≥ 10000 ≥ 9000	74.9	77.5	79.0	78.2	78-3	78.4	78,4	78.4 79.4	78.4	78.4	78.4 79.4	78,4	78.5	78.5 79.4	78.5 79.5	78.5 79.5
≥ 8000 ≥ 7000	76.2 77.0	80.0	80.6 81.5	80.9	80.9 31.9	81.0 81.9	81,0 82,0	81.0	51.0 82.0	~ ~ , ~ ~	81.0	81.0 82.0		81.1 82.0	81.1	81.1 82.1
≥ 6000 ≥ 5000	77.5	52.1 83.7	82.7 84.3	83.0	83.1 84.8	83.1 84.8	83.2	83.2 84.9	83.2 84.9	83.2 85.0	83.2 85.0	83.2 85.0	83.3 85.0	83.3 0.63	83.0 85.0	83.3 85.0
= 4500 ≥ 4000	79.9 81.4	84.3 86.2	85.0	85 e 4 87 e 3	85.5	85.6	85,6	85.6 87.6	85.6	85.7 87.6	85.7 87.6	87.6	85,7	85.7 87.5	85.7 87,6	85.7 87.7
≥ 3500 ≥ 3000	82.5	87 • 4 89 • 6	88.2 90.4	90.9	1 7 7 1	88.8	88.8 91.2	88.9 21.2	91.2	88.9 91.2	88.9 91.2	91.02	88.9	88.9 91.3	88,9 91.3	89.0 91.3
≥ 2500 ≥ 2000	85.6	3 7 7 7	92.0	92.4	92.7	92.7	92,8	92.8	92.8	92.9	94.4	92.9	92.9	92.9 94.4	92,9 94.4	92.9 94.4
≥ 1800 ≥ 1500	86.9	92.8 93.7	93.8	94.3 95.3	94.5 95.6	94.6	94,7	94.7 95.8	94.7	94.7	94,7 95.8	94.7	94.8	94.8	94.8 95.9	94.8
≥ 1200 ≥ 1900	88.0	94.4	95,5 96,0	95.1 96.7	96.4	96.4 97.1	96.6	96.6	96.6	96-6 97-3	96.7 97.3	96.7	96.7	9667	96.7 97.4	97.4
≥ 900 ≥ 800	88.4	95.1 95.4	96.3	97.1	97.4 97.8	97.4 97.8	97.6	97.6	97.6 98.0	97,7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7	97,7 38,1	97.8 98.1
≥ 700 ≥ 600	88.7 98.8	95.6 95.7	96,9 97,0	97.6	!	98.1	98.2	98.2	98.2	98.5	98.3 98.5	98.5	78.3 98.6	98.3 98.6	98,4 98,6	98.4 98.6
≥ 500 ≥ 400	88.9		97.2	98.1 98.3	98.5	98.6 98.8	98.7	98.8	98.8	98.9 99.2	98.9 99.2	98.9	98.9	98.7	98,9	99.0
≥ 300 > 200	88.9	96.1 96.1	97.5 97.5	98.4	98.9 99.0	99.0 99.0	99,2 99,3	99.4	99.3	99,4	99.4	199.4	99.5	99.5	99,5	99.5
≥ 100 ≥ 0	88.9		97,5 97.5	98.5	99.0	99.1	99.3	99.4	99.5	99.6		99.7	99.8	99.8	99.8	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS

19079

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46-49-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES:						
FEET	≥10	≥6	≥5	≥4	≥3	≥2↑	≥2	≥1'2	≥1′4	≥1	≥ }₄	≥,•	≥ 2	≥5 16	2.4	≥0
NO CEILING ≥ 20000	63.6	65.8	66.1 75.8	66.3 76.0		76.2	66,5 76.3		66.5	66.6	66.6	76.3	66.6	66.6 76.3	66.6	
≥ 18000 ≥ 16000	72.6	75.6	76.0	76.2	76.4	76.4	76.8	76.5	76.5	76.5 76.8	76.6	76.6	76.6	76.6	76.6	76.9
≥ 14000 ≥ 12000	74.5	77.6 81.0	77,9	78.2	78.4	78.4 81.9	78,4 81.9	78.4 81.9	78.4 81.9	78,5 82.0	78,5	78,5	78.5	78,5	78.5 82.0	
≥ 10000 ≥ 9000	80.0	83.8	84.2	84.5	84.6	84.6	84,7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.
≥ 8000 ≥ 7000	81,9	86.0	84.9	86.8	87.0	85,4 87,0	85,5	87.1	87,1	87.1	87,2	87.2	87.2	87.2	87,2	87.
_ 6000 ≥ 5000	82.8	88.3	88.9	87.9	89.4	88 1	88,1	I I I I	89,5	89.6	89,6	89.6	89.6	89.6	89.6	89.
± 4,00	85.1	90.4	90.5	90.9	91.6	91.1	91,7	91.2	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.
≥ 4000 ≥ 3500	86.5	91.6	92.3	93.5	92.9	92.9	93.0 93.8	93.8	93.0	93.1	93.1	93.1	93.9	93.9	93.1	93,
≥ 3000	88.1	93.5	94.3	94.7	95.9	95.0	95.1	95.1 96.1	95.1	95.2	95.2	95.2	9542	95.2	95.2	95.
≥ 2000	89.2	95.0 95.1	95.8	95.3	96.6	96.8	96,7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	95.9	96.
≥ 1500	89.6	95.7	96.6	97.1	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.
± 1000	89.9	96.3	97.2	97.7	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98
2 900 ≥ 800	90.0	96.6	97.5	98.1	98.4	98.4	95,4	98.6	98,6	98.7	98.7	98.7	98.7	98.7	98.7	98
≥ 700 ≥ 600	90.1	96.7 96.8	97.8	98.2	98.7	98.6	98,7	98.7	98.9	99.0	98,8		20.0	99.0	99.1	99.
≥ 500 ≥ 400	90.2 90.2	97.0 97.1	98.1 98.2	98.8	99.0 99.1	99.1	99,2 99,3		99,3	99.3	99.4	99.5	99.4	99.4	99.5	99.
≥ 300 ≥ 200	90.2	97.2 97.2	98.3 98.3		99.3	99.3	99,5	99.6	ام مما	99.8	99.7 99.8	99.7	99.7	99.7 99.8	99.3	99
≥ 100 ≥ 0	90.3				99.3	99.4										

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING					-		VIS	IBILITY ST	ATUTE MIL	ES,						
FEET	≥10	≥6	≥5	≥4	≥3	≥2 7	≥2	י ו≤	≥1.	≥1	≥ •4	≥'•	≥ ;	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	65.0 71.8		68.1 75.3		68.4 75.6	~ ī i		68.4 75.7	68.4	68,5 75.7	68.5	.68.5 '75.8	68.5 75.8	68.5		68.5
≥ 18000 ≥ 16000	72.7	75.3 75.8	75.7 76.2	75.9	70.0	76.1	76.1	76.1	76.1	76.2 76.6	76.2	76.2	76.2	76.2	75.8 76.2 76.7	75.8
≥ 14000 ≥ 12000	74.2	77.4	77,8	78.0 81.1	78.1 81.2	78.1	78.2	78.2	78,2	78.2 81.3		78.3	78.3	78,3 81.4	78.3	78.3
≥ 10000 ≥ 9000	79,8 80.8	93.8 84.8	84.3	84-5 85-6	84.6	84.7	84,7	84.7	84.7	84,8	84,8		84,8	84.8	81,4 84,8 85.9	84.9
≥ 8000 ≥ 7000	83.3	86.4 87.8	87.0 88.4	87.3 88.7	87.4	87.4	87,4	87,4 88.9		87,5		87.5	87.5	87.5 89.0	87.6	85.9 87.6 89.1
≥ 6000 ≥ 5000		89.1 90.5	89.7 91.1	90.0 91.5	90.1	90.1	90,2		90.2			90.3	90.3 91.8	90,3 91,8	90.3	90.4
≥ 4500 ≥ 4000		90.9	91.5	92.0	92.1	92.1	92,2	92.2	92.3		92.3	92.3	92.3	92:3	92.4	91.8 92.4 93.5
≥ 3500 ≥ 3000	87.3 86.0	92.5	93.2	93.7	93.9	93.9		94.0	94.0	94.0	94,1	194.1	94.1	94,1	94,1	34.1 95.2
≥ 2500 ≥ 2000		94.7	94.7	95.3	95.5	95.5	95,6	95.6	95.6	95,7	95,7	95.7	75.7 96.6	95.7	95,8	95.8
≥ 1800 ≥ 1500		94.9	95.7	96.8	96.5	96.6	96.7	96.7	96.7	96,8		96.8	96,8	96.8	96.9	96.7
≥ 1200 ≥ 1000	89.6	95.7 96.1	96.5 96-9	97.2	97.5	97.5	97,6	97.7	97.7	97,7	97,8	97.8	97.8	97,8	97.8	97.8
≥ 900 ≥ 800		96.2		97.8 98.0	98.1	98.1	98.3	98.3	98.3	98,4	98.4	98.4	98.4	98.4	98,5	98.5
≥ 700 ≥ 600	90.1	96.5		98.2 98.4	98.8	98.6	98,8	98.8	98.8	98.9		98.9	98.9	98.9		99.0
≥ 500 ≥ 400	90.2	96.4 96.8	97.7	98.6	99.0	99.0	99.2		99.3	99.6	99,4	99.4	99.4	99.4	99.4	99.5
≥ 300 ≥ 200	90.2		97.8	98.8 98.8		99.3	99,5	99.6	99.6	99,7	99.7	99.7	99.8	99,8	99.8	99.8
≥ 10°, ≥ 0	90.2	96.8 96.3		98.8 98.8		99,4	99,6		99.7	99,8	99,9	99.9	99.9	99.9	99.91 99.91	00.0

TOTAL NUMBER OF OBSERVATIONS

19989

USAF ETAC - 0-14-5 (OL A) PREVIOUS EDITIONS C 1/2 > FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		· · · · · · · · · · · · · · · · · · ·					VIS	ISILITY (STA	TUTE MIL	ES'						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2';	≥ 2	≥1'2	≥114	≥ı	≥ 14	≥,*	≥',	≥5 16	≥ '•	≥0
NO CEILING ≥ 20000	62.9 68.3	65.0 70.7					65,8 71,6			65.9			65.9	65.9		66.0 71.8
≥ 18000 ≥ 16000	68.5	71.0	71,4	71.7	71.8 72.0	72.0	71,9	71.9	72.0		72.0 72.2	72.0	72.0	72.0	72.1	72.3
≥ 14005 ≥ 12000	69,8 72.4	72.3	72.7	73.0	اه مفرا	73.1	73.2 76.0	73.2	73.2	73.3 76.1	73,3 76.1	73.3	73.3	73.3 76.2	73,4 76,2	73.4
≥ 10000 ≥ 9000	74.3 75.1	77.2 78.1	77.7	78.9	78.1 79.1	78.1 79.1	78,2	2	78,3	79,3	79.3		78.4	78.4	79,3	79.4
≥ 8000 ≥ 7000	76.4 77.2	79.6 80.5		80.5	80.6		81.7	80.8	_ · · -	80,8	81.8	81.8	61.8	81.8	80,9	81.9
± 5000 ≥ 5000	78.1 79.2	81.7 83.0	82.3	82.6	92.8 84.3	84.3				l .			84.5	3 - 7 2	84.5	84.6
≥ 4500 ≥ 4000	79,6	83.6 84.5	84.3		1		85,0 86,1		85.0 86.1				85.1	85.1	85,1 86,3	
≥ 3500 ≥ 3000	81.1	85.2						88.3		87.0	88.3	88.3		85.4	87.0	87.1 88.5
2 7500 ≥ 2000	82.9	87.6 88.8	,	,		90.7	90,8	89.5 90.9		90.9	91.0	191.0		91.0		91.1
≥ 1800 ≥ 1500	84.0			1 1 7 7 7		91.1						92-4	91.4		91.5	92.6
≥ 1200 ≥ 100°0	85.3 85.8	91.0 91.8		1	1		, -,			94.6	94,6		74+6	94.6	94.6	94.7
≥ 900 ≥ 800	86.0 86.2			94.7	95.1	95.1	95,3	95.4	95.5		95,6	95.6		95.6	95.6	95.7
≥ 700 ≥ 600	86.3	93.3	94.7	95.7	95.2		96.5	96.6		96.8	96.8	196.8		96,8	90,9	96.9
≥ 500 ≥ 400	86.5		95.4	96.7	97.4	95.8	97.8	98.0		98.2	98.2	198.2	98.3		98.3	98.4
≥ 300 ≥ 260	86.6	1 4 7 4	75.6	97.1	97.9	98.0	98,4	98.7		99.1		99.2	99.3	99.3	99,4	99.5
≥ 100 ≥ 0	85.5		95.6	1 1 2 7 27		98.0 98.0	98,5			99,2	99.3	99.3	99.5	99.5	99.5	99.8 100.0

TOTAL NUMBER OF OBSERVATIONS

19157

USAF ETAC 10164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

42-46,48-70,72-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET	≥10	≥6	≥5	≥ 4	≥3	≥2½	≥?	≥1%	≥114	≥1	≥ 1,4	≥ ⅓,	≥ '2	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	64.5	72.0		67.3	67.6	67.6	67,6			. . !	67.7	67.7	67.8			68.0
≥ 18000 ≥ 16000	69.4	72.2	72.6 73.0	1	73.1	73.1	73.2 73.6	73.2		73.7	73.3	73.3	73.3	1 1 7 1	73.4	73.5
≥ 14000 ≥ 12000	70.7	73.5 75.4	73,9 75,8	74.2	74.4	74.5	74,5 76,4	74.5	74.6	74.6	74.6	74.6	74.7	74.7	74,7 75.6	74.9 76.8
≥ 10000 ≥ 9000	74.1 74.6	77.4	77.8 78.3	78.1 78.6	78.3	78.4 78.8	78.4 78.9	78.5	78,5	78,5	78,5	78.5	78.6	78.6	78.7 79.2	78.8
≥ £700 ≥ 7000	75.5	79.0	80.4	79.7 80.7	80.0		80.1	80.1	80.1	80.2 81.2	30.2 81.2		80.3	81.3	80,3 81,3	80.5
≥ 6CJ0 ≥ 5000	77.2	80.9	81,4	81.7 83.0		82.0	82,1	82.1 83.4	52,1 83.4		82.2 83.5	82.2 83.5	82.3	82.3 83.5	82.3 83.6	82.5 83.8
≥ 4500 ≥ 4000	78.6	82.7	83.2 84.0	83.6	84.7	83.9	84.0	84.8	84,0		84 à 1 85 • 0		84.1 85.0	84.1 85.0	84,2 85,1	84.4 85.2
≥ 3500 ≥ 3000	79.8 80.7	84.3	84.8	85.3 86.5	85.8	85.7	85.7	85.7	86,9	87.0	85.9 87.0		17.77.6	85.9	86.0 87.2	86.1 87.3
≥ 2500 ≥ 2000	81.6	36.5 87.9	88.6		89.6	88.1	89.7	89.8	88.2		89.9	89.9	90.0		88.4 90.0	90.2
≥ 1800 ≥ 1500	83.0 83.6		89.9	90.6		90.1	90.1	90.2	90,2	91.3	90,3	91.3	71.4	90.4	90,4	90.6
≥ 1200 ≥ 1000	84.8	90.9		92.6	93.1	92.1	92.2	92.3	93,3	92.4	93.4	92.4	93.5	93.5	92,5	92.7
≥ 900 ≥ 800	85.0 85.2	91.8	92.8		94.2	94,3	94,4	93.7	93.7	9496	94.6			94.7	94.7	94.9
≥ 700 ≥ 600 ≥ 500	85.4 85.6 85.7	92.6	93.6	94.8	95.4	94,8	95,0	95.7	95,7	95.2	95.9	195.2		95.0	95,3	95.5
≥ 500 ≥ 400 ≥ 306	85.8	93.1	94.3	9577	95.9 96.6 97.0	96.0 96.7 97.1	97.1	96.4	97.3	97.5	96+6 97-5	96.6	97.6	96.6 97.6 98.4		96.9
≥ 200	85.9	93.3	94.7	96.3	97.2	97.4	97,5 97.9 98.6	97.8 98.2	97,9 98.3	98.7	98.8	98.8	98.9	99.0		98.7
≥ .00 ≥ 0	85.9	93.3		96.3	97.3	97.4	98-0			98.9	99.0			99.2		99.6

TOTAL NUMBER OF OBSERVATIONS

19550

USAF STAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

VANCE AFB OKLAHOMA/ENID 42-46,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (STA	JUIE MILI	£51						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥21/2	≥ 2	≥11/2	≥1′4	ا≤	≥ ,4	≥ %	≥,≀	≥5 16	≥ '.	≥0
NO CEILING ≥ 20000	62.4 68.8	64.5	64.8	1	65.1 72.0	65.1 72.0				65.3 72.2	65.3 72.2	65.3 72.2	72.2	65.4 72.2	65.4 72.2	65.4 72.3
≥ 18000 ≥ 16000	69.0 69.3	71.6	71.9	72.1	72.2	72.3	72,3	72.7	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6
≥ 14000 ≥ 12000	70.2	72.9	73.2 75.0	73.5	75.3	75.4	73.7	73.7 75.4	73.7	73.8	73.8	73.8	73.8	75.6	73.9	73.9
≥ 10000 ≥ 9000	72.9	75.7	76.7	76.9	77.0	77.0	76.6	76.6	76.5 77.2	76.7	76.7 77.3	77.3	76.8	77.3	77.3	76.9
≥ 8000 ≥ 7000	74.2	77.2		77.9	78.8	78.9	78,9	79.0	78.2	78.3	78.3	79.1	79.1	79.1	79.2	79.2
≥ 6000 ≥ 5000	75.5 76.2	79.6	80.1	80.4	80.5	79.7 80.6	79.8	79.8 80.7	79.8 80.7	80.0	80.8	80.8	80.8	80.0	80.9	80.9
≥ 4500 ≥ 4000	76.5	80.9		81.8	82.0	82.0		81.2	82.1	82.3	82.3	81.3 02.3	82.3	82.3	81,4 82.3 83.3	81.5 82.4 83.3
≥ 3500 ≥ 3000	77.9	81.7	83.2	82.7	82.9	82.9	83.9	83.1	83.1 84.0	83.2 84.1	84.1	83.2	84.2	83,2 84,2	84.2	84.3
≥ 2500 ≥ 2000	79.5 80.7 81.1	83.8 85.4 85.9	86.1	84.9	85.1 86.7 87.4	85.1 86.8 87.4	-	85.3	87.0		85.5 87.2 87.8	85.5 87.2	87.2 87.8	87.2	87.2	87.3
≥ 1800 ≥ 1500	82.2	87.3	88.1	87.1 88.6 90.1	88.9	89.0 90.6	89.1	87.6 89.2 90.8	87.6 89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.5
≥ 1000	83.4	89.2		91.0	91.4	91.5	91.6	91.7	91.8	ه نما	91.9	91.9		92.0	92.7	92.1 92.7
≥ 800	83.9	90.2	91.5	92.8	92.8	92.9	93.1	93.2	93.2	93.4	93.5	93.5	93.5		93.6	
≥ 500	84.2	90.8	1 1771	93.2	93.8	94.8	94,3	94.4	94.5	94.7	94.8	94.8	94.8	94.9	94.9	95.0
≥ 400 ≥ 300	84.4	91.4	93.0	94.4	95.4	95.6	96,8	96.3	96.4	96.7	96.8	96.8	97.0	98.1	97.1 98.2	97.1
≥ 200	84.4	91.5	93.2		96.1	96.3	97.0		97.5	98.1	96.3	98.3		98.6		98.9
≥ 0	84.4	91.5	93.2	94.9		96.4	1.77	97.6	4	98.3		98.6	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

19140

USAF ETAC HULGA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISSOLETE

CEILING VERSUS VISIBILITY

VANCE AFB OKLAHOMA/ENID 42-46,48-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

															-	
CEILING							VIS	IBILITY (ST.	ATUTE MILI	ES:						
(FEET)	≥10	≥ه	≥5	≥ 4	≥3	≥21⁄2	≥2	≥, '2	≥114	≥1	≥ 3,4	≥'₅	≥12	≥5 16	≥ '₄	≥0
NO CEILING	55.7	58.0	58.4	58.6	58,7	58.7	53,8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.3
≥ 20000	62.8	5 -1		- 7 .1										67.0		67.3
≥ 18000	63.3		66.7	67.0		67.1			67.3				67.4			67.8
≥ 16000	63.6	66.6	67.1	67.4	67.5	67.5	67.7	67.7	67.7	67.5	67.8	67.8	67.8	67.8	67.9	68.2
≥ 14000	64.7	67.9	68,4		68.8	68,8	69.0	69.0				69.1		69.2	69,2	69.5
≥ 12000	66.5	69.9	70.5	70.8	70.9	71.0	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.6
≥ 10000	67.9	71.5	72.2	72.5	72.7	72.7	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73,1	73.3
≥ 9000	68.2	71.9	72.5	72.9	73.1	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73,4	73.4	73.5	73.7
≥ 8000	69.0	72.7	73.4	73.8	74.0	74.0	74,2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74,4	74.7
≥ 7000	69.7	73.5	74.3	74.7	74.8	74.9		75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.5
≥ 6000	70el	74.0	74.7	75.2	75.3	75.4	75,5	75.6	75.6	75,7	75.7	75.7		75.7		76,0
≥ 5000	70.9		75.6	76.1	76.2	76.3	76,4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.7	76.9
≥ 4500	71.3	75.4	76.1	76.6	76.7	76.8	76.9	77.0	77.0	77,1	77.1	77.1	77.1	77.1	77,2	77.5
≥ 4000	71.9	76.0	76,8	77.3	77.5	77.5	77.7	77.8	77.8	77.9	77.9	777.9	77.9	77.9	78.0	78.2
≥ 3500	72.5	76.7	77.6	78.1	78.3	78.3	78.5	78.6	78.6	78,7	78.7	78.7	78,7	78.7	78,8	79.0
≥ 3000	73.2	77.5	78.4	78.9	79.2	79.2	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.7	79.9
≥ 2500	3.9	78.4	79.4	80.0	80.2	80.2	80.4	80.5	80.5	80.6	80,6	80.6	80.6	80.6	:	81.0
≥ 2000	74.9	79.8	80.8	81.5	81.8	81.8			82.1	82.2	82.2	82.2		82.3	82.3	
≥ 1800	75.2	80.3	81.3	82.0		82.4	82.0	82.7		82.8	82.8	82.8	82.8			83.2
≥ 1500	76.0	81.5	82.6	83.4	83.9	83.9		34.2		84.3	84,3			84,4	84,5	84.7
≥ 1200	76.7	82.5	83.8	84.7	85.2	85.2	85,0	85.7	85.7	85,8	85.9	85.9				86.3
≥ 1000	77.3	83.6	85.0	86.1	86.6	86.7	87,0	87.2	87.2	87.3	87.4	87.4				87.8
≥ 900	77,5	84.0	85,5		87.3		87,7	87.9	87,9	88.1	88,1					
≥ 800	77.6	84.4	86.0											89.1	89.2	
≥ 700	77.7	84.8	86.6	88.1	88.9	89.0	89,5	89.8	89.8	90.0	90,1	790.1	90.2	90.3		90.5
≥ 600	77.8	85.1	87.0	88.7	89.6				90.7	91.0	91.0	91.0	91.1	91.1	91.2	91.5
≥ 500	78.0			89.4	90.5	90.7	91.4	91.8	91,9	92.3		92.4				93.0
≥ 400	78.0	85.6			91.1	91.3					93.6					
≥ 300	78.0				1 - 7 - 1			93.7					95 . 2			
≥ 200	78.0	85.7	88.0				93,3		94.5			96.0				97.1
≥ 100	78.0	85.8	88.0	90.2	91.8	92.1			94.6	95.9		96.4		97.2		
≥ 0	78.0	85.8	88.0	90.2	91.8	92.1	93.4	94.3	94.6	95.9	96.5	96.6	97.2	97.4	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS

18477

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID .42-47,49-60,68,75

· PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	IBILITY (ST	ATUTE MIL	ESI	-					
FELT	≥10	≥6	≥5	≥4	≥3	≥21/2	≥ 2	≥112	≥1'4	≥1	≥ 34	≥,,	≥ '%	≥5 16	≥ ,4	≥0
NO CEILING ≥ 20000	57.8 62.1	61.5	61,9	62.0 66.7	62.0		62,1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	52.5
≥ 18000 ≥ 16000	62.4	66.4		67.0	67.0		67.0		67.1	67.2	67.2	67.2	67.2	67.3	67.3	7.4
≥ 14000 ≥ 12000	63.6	68.0 70.0	68.4 70.5	68.6	68.6	68.6	68,6	58.7 70.7	68.7	68.8	68.8	70.9	68.8	68.9	68.9 70.9	69.0
≥ 10000 ≥ 9000	67.2	72.0	72.5	72.7	72.7	72.7	72.7	72.8	72.8	72.9 73.5	72.9	72.9	72.9	73.0	73.0	73.1
≥ 8000 ≥ 7000	68.6	73.5	74.0	74.3	74.4	74.4	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.7	74.7	74.8
≥ 6000 ≥ 5000	69.7 70.0	75.1 75.8	75.7	76.1	76.2	76.2	76.2	76.3	76.3	76.4	76.4 77.1	76.4	76.4	76,4	76.4	76.6
≥ 4500 ≥ 4000	70.3 71.0	76.2 77.0	76.7	77.1	77.2	77.2	77.2	77.3	77.3	77.4 78.3	77.4	77.4	77.4	77.5	77.5	77.6
≥ 3500 ≥ 3000	71.8	77.9	78,4 79,3	78.8	78.9	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.2	79.2	79.3
≥ 2500 ≥ 2000	72.9	79.5	80.1 82.0	80.6 82.5	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.2	81.2	81.3
≥ 1800 ≥ 1500	74.3 74.9	81.9 83.3	82.6	83.1 84.5	83.3	83,3	83,6	83.7	83.7	83.9	83.9	83.9	83.9	84.0	84.0	84.2
≥ 1200 ≥ 1000	75.5 75.6	84.6	85,3 86.1	85.9 86.8	86.2 87.1	86.3 87.1	86,7	86.9	86.9	87.0	87.0	87.0	87.0	87.1 58.2	87.1	87.3
≥ 900 ≥ 800	75.6 75.8	85.4 85.8	86,3 86.9	87.0 57.7	87.3	87.3	87,9	88.7	88.0	88,3	88,4	88.4	88,4	88.6	88.5	88.7
2 700 ≥ 500	76.1 76.2	86.7 87.2	87.9 88.4	89.4	89.3	89.4	89.9 90.4	90.0	90.5	90,6	90.6	90.6	90.7	90.8	90.8	91.0
≥ 500 ≥ 400	76.3	87.4 87.4	88.8	89.9	90.3	90.4	91,1	91.2 91.5	91.2 91.5	91.7	91.8	91.8	92.0	92.1	92.1	92.3
≥ 300 ≥ 200	76.3	87.6 87.6	89.0	90.4	90.9	91.0	91,8	92.0 92.7	92.0 92.8	92.8 93.9	94.0	93.0	93.3	93,4	94.7	93.6
≥ 100 ≥ 0	76.3 76.3	87.6 87.6	89.2 89.2	90.4	91.4	91.6	92.7	92.8	92.9	94.1	94.4	94.4	95.1	95.2	95.6	96.0

TOTAL NUMBER OF OBSERVATIONS

1757

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-47,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ISTA	ATUTE MILI	ESı						
FEET	≥10	≥6	≟ 5	≥ 4	≥ 3	≥217	≥ 2	≥1 ½	≥1′4	≥1	≥ ⅓	≥ '⁄*	≥ ′′2	≥5 16	≥ 4	≥0
NO CEILING ≥ 20000	55.2 60.0	59.2 64.6		60.0	60.1	60.1	60,2		60.3		60.3	60.3				
≥ 18000 ≥ 16000	60.2	64.8	65.3 65.5	65.7	65.8	65.8		66.0		66.0	66.0	66.0	66.2	66.2	66,2	66.5
≥ 14000 ≥ 12000	51.4 63.0	66.2	68.6	67.0	67.1	67.1	67,3	67.4 69.4	67.4	67.4	67.4 69.4	67.4	67.5	67.5	67.6	67.9
≥ 10000 ≥ 9000	65.1 66.1	70.4	72.2	71.4	71.4	71.4	71.6	71.8	71.9	71.8	71.8	71.8	71.9	73.2	72.0	72.3 73.6
≥ 9000 ≥ 7000	67.6	72.5 73.2	73.1 73.7	74.2	73.8	73.8	74.0	74.8	74.2	74.3	74.3	74.3	74.4	75.0	74,4 75,1	74.8
≥ 6000 ≥ 5000	68.0 68.7	74.8		74.8	75.0 76.2	75.0	75,2 76,3	75.3	75.3	75.4 76.6	75.4 76.6	75.4	75.6 76.7	75.6 76.7	75.6 76.8	75.9 77.1
≥ 4500 ≥ 4000	68.8	75.0 75.4	76,1	70.1	76.8		75.5	76,7	77.2	77.2	77.2	770.8	77.4	70.9	77.0	77.3
≥ 3500 ≥ 3000	69,9 70.2	76.8	77.6	77.7	78.4	77.7	77,9	78.8	78.1 78.8	78.7	78.2	78.9	79.0	79,0	78.4	79.4
≥ 2500 ≥ 2000	70.5	79.4	80.2	80.8	79.5 81.3	79.5 81.3	79.7 81.5	79.9 81.7	81.7	82.0	80.1	82.0		32.1	82.1	82.5
≥ 1800 ≥ 1500 ≥ 1200	72.1 72.6 72.9	79.9 80.7	80.7 81.6 82.6	81.3 82.2 83.2	81.8 82.7 83.8	81.8 82.7 83.9	82.9 84.1	82.3 83.2	82,3 83.2 84.4	83.5	82.5	82.5	83.6	83.6	82.7 83.7	84.0 85.2
≥ 1000	73.3	82.8	83.7	84.6	85.0	85.0	85,6	85.6	85.6	84.7 85.9	85.9	85.9	36.1	86.1	86.2	86.5
≥ 800	73.5	83.6	4	85.5	86.4	86.4	84.8	87.1	87.1 87.9	87.5	87.6	87.6	87.8	87.8	87,9	88.2
≥ 600	73.7 74.0	84.8	85.7	86.6	87.7	87.8	88.1	68.5 89.4	88.5	89.0 90.1	89.0	87.0		90.5	89.4	89.8
≥ 400	74.1	85.0	86.6	87.6 87.9	89.0	89.0		90.1	90.8	91.0	91.1	91.2	91.5	91,9	91.6	91.9
≥ 200	74.2	85.2	86.7	88.1	89.6	89.7	90,6	91.2	91.3	92.4	92.7	92.8	93.5	93.6	93.7	94.3
≥ 0	74c2		1	88.1	89.8	7 7	90.9	91.5	91.6		93.2					00.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID 42-47,49-75

MAL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VIS	BILITY (ST.	ATUTE MIL	ESI						
FEET	≥10	≥6	≥ 5	≥.4	≥3	≥2'⁄2	≥2	≥1'2	≥11/4	≥1	≥)₄	≥ %	≥ ′″2	≥5 16	≥ 14	≥0
NO CEILING ≥ 20000	50.7 55.6	54.7	55.5 61.7	56.0 62.2	56.2 62.4	56.2 62.5	56.4 62.7	56.4	56.4	56.5	56.6 62.8	56.6 62.8		56.6 62.9	· :	56.9
≥ 18000 ≥ 16000	56.1 56.2	61.6	62.5	62.7 62.9	62.9	62.9	63,1	63.1	63.1	63.2	63.2	63.2	63.3	63.6	63.3	63.6
≥ 14000 ≥ 12000	57.6 59.3	62.9 64.8	63,9 65,8	64.4 66.3	64.6	64.7	64,8	64.8	64.8	65.0	67.0	67.0	65.0	67.0	67.1	67.3
≥ 10000 ≥ 9000	61.3	67.2 67.6		68.6	68.9 69.4	69.0 69.5	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.5	69.5 70.0	69.8
≥ 8000 ≥ 7000	63.8	69.2	70.2	70.8	71.1	71.2	71.4	71.4 72.2	71.4	71.5	71.6	71.6	71.6	71.7	71,7	72.0
≥ 6000 ≥ 5000	64.4	70.5 71.3	71.5 72.3	72.2	72.5	72.6	72.9	72.9	72.9	73.0 73.9	73.1	73.1	73.1	73.1	73.2	73.4
≥ 4500 ≥ 4000	65.7	71.5	72,6 73.1	73.3	73.7	73.7	74.6	74.0	74.0	74.1	74.2 74.8	74.2	74.8	74.3	74.9	74.6
≥ 3500 ≥ 3000	66.6	72.4	73.6	74.3	74.7	74.8	75.0 76.0	75.0 76.0	75.0	75.2 76.2	75.2	75.2	75.3	75.3	75.4	75.6
≥ 2500 ≥ 2000	68.3	74.1	75,6	76.4	76.8	76.9 78.5	77.3	77.1	77.1	77.3	77.4	77.4	77.4	77.5	77,5	77.8
≥ 1800 ≥ 1500	69.1	75.9	77.5	78.4	78.8	78.8	79.1	79.1	79.1	79.3	79,3	779.3	79.5	79.5	79.5	79.8
≥ 1200	70.1	78.3	80.0	81.0 82.5	83.2	81.7	82.0	82.1	82.1	82.5	82,6 84.3	82.6	84.4	82.7	82.8	83.0
≥ 900 ≥ 800 ≥ 700	70.8 71.0 71.1	79.8 80.2	81,8	82.8	83.5	83,6	84.7	84.8	84.1	84,5	84,6 85.4	84.6	84,8	85.7	84.9	85.1
≥ 600	71.3	81.2	82.7	83.8	84.7	84.8	85,4	86.7	85.5	86.0	86.2	87.5	86.5	86.5 87.8	86.6	86.9
≥ 500 ≥ 400 ≥ 300	71.5	81.8	84.4 84.4	85.4 85.8	87.3 87.6	86.8 87.5	87,6	87.8	87.8	88.4	88.7 90.3	90.3	88.9	90.8	90.8	89.3 91.2
≥ 200	71.5	81.9	84.4	86.1	87.6 87.7	88.0	89,2		90.4	91.0	91.7	91.7	92.2	92,3	92,5	92.9
2 0	71.5	81.9	84.4	86.1	87.8	88.0	89.5	90.3	90.5	91.7	92.5	92.7	93.6	94.4	94.8 95.1	96.2

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

13909

VANCE AFB DKLAHDMA/ENID

42-47-49-75

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CHUNG							VISI	BILITY STA	VIOLE WIFE	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥21,2	≥ 2	≥1'2	≥1'4	≥1	≥ 1,4	≥ 5:0	≥ '₂	≥5 16	≥ '4	≥0
NO CEILING ≥ 20000	49.9 57.5	52.6	53.0	53.3	53.3	53.3	53.3		53.4	53.4 62.6		53.4 62.8	33,4 62.8	53,4	53,4 62.8	53.5 62.9
≥ 18000 ≥ 16000	58.4 58.8	62.2	62.8	63.4	64.0	64.0	63,6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
≥ 14000 ≥ 12000	60.3	54.2 66.2	64,9	67.6	67.8	65.6	67.8	67.8	65.7 67.9	65.7 67.9	67.9	67.9	65.7	67.9	67.7	68.0
≥ 10000 ≥ 9000	63.0 63.6	67.6 68.5	69.4	69.2 70.2	70.3	70.4	70.4	70-4	70.5	70.5			70.5	70.5	70.5	70.6
≥ 8000 ≥ 7000	65.2 65.6	70.2	71.1	72.0	72.1	72.2	72.8		72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.4
≥ 6000 ≥ 5000	65.9	71.1	72.0	72.9	73.1	73.1	73.3	.74.0	74.1	74.1	73.4	73.4	74.2	74.2	74.2	74.3
≥ 4500 ≥ 4000	67.1	72.1	73.0	73.9		74,1	74,3	75.1	74.4	75.1	75.2	75.2	75.2	75.2	75.2	75.3
≥ 3500 ≥ 3000	67.4 67.7	73.2	74.5	75.0	75.6	75.3	75,8	75.9	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.1
≥ 2500 ≥ 2000	68.2 69.0	74.3	75.3 76.6		77.9	76.6	76#8 78:2	76.9	77.0	7804	78.4	778.4	78.4	77.0 78.4	78.5	78.6
≥ 1800 ≥ 1500	69.1	75.7	76,9 78,0	79.1	79.4	78.2	78,5 79,8	79.9	78.7 80.0			80.2	80.2	80.2	80.3	80.4
≥ 1200 ≥ 1000	70.4	78.3	79.4 80.5		82.5	82.6		83.3	83,4	83.6	83.6	83.6		84.7	83.9	84.9
≥ 900 ≥ 800	71.7	79.4 80.0		83.6	····-	84.5	83.9	85.3	85.4		85.9	85.9	85.0	86.0	87.5	86.3
≥ 700 ≥ 600	71.8	80.4		85.0	85.3 86.0 87.3	85.5 86.2 87.5	86.9	86.3 87.4 89.1	86.7 87.6	88.0	88.2	88.2	88,4	88.4	88.6	88.7
≥ 500 ≥ 400	71.9	81.2	83.8 84.1	86.6	88.0		89,7	90.5	90.8	91.7	92.0	92.1	92.5	92.5	92,7 94,3	92.9
≥ 300 ≥ 200	71.9	81.4	84.4	87.0	88.5	89.0	90,6	91.8	92.2	93.6	9432		95.3	95.4	95.9	96.5
≥ 100 ≥ 0	71.9	1 27 7 3		1 - 1 -		7					94.6			96.4		100.0

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID 42-47,49-73

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS 151

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥5	≥4	≥3	≥2,5	≥ 2	≥11/2	≥1%	≥١	≥34	≥>₅	≥ ⁄2	≥5 15	≥ .	≥0
NO CEILING ≥ 20000	51.3 61.1	53.4 53.9	53.8		54.0					54.1	54.1 65.1	54.1	54.1 65.1	54.1	54,1 65.1	54.1 65.1
≥ 18000 ≥ 16000	61.7	64.5 64.8	65.0 65.4	65.4	65.5 65.8	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000 ≥ 12000	63.6	66.5	67.0 69.2	67.3	67.4	67.5	67,6 69.9	67.6 69.9	67.6	67.6 69.9	67,6	67.6	67.6	67.6	57,6 69.9	67.6
≥ 10000	67.4	70.7	70.6	71.0 71.8	71.1	71,1 72.0	71,2	71.3	71.3	71.3	71,3	71.3	71.3	71.3	71.3	71.3
≥ 8000 ≥ 7000	68.5	71.6	72.3	72.7	72.8	72.8	73,0 73,7	73.1	73,1	73,8	73.1	73.1	73.1	73.1	73.1 73.8	73.1 73.8
≥ 6000 ≥ 5000	69.3	73.4	73.3	74.6	74.7	73.9	74.1	74.9	74.1	74.3	75.1	74.3	74.3	74.3	74.3 75.1	74.3
≥ 4500 ≥ 4000	69.5 69.8 70.2	74.0	74.8	75.3	75.5	75.0	75.2 75.7	75.2 75.8	75.8	75.3 75.9	75.9	75.9	75.3	75.9	75.9	75.3 75.9
≥ 3500 ≥ 3000 ≥ 2500	70.7	75.3	76.1	76.8	77.1	77.1	76,5	76.6	77.4	77.6	77.6	776.7	776.7	77.6	76.7	77.6
≥ 2000 ≥ 2000 ≥ 1800	72.2	75.2	77.9	78.7	78.9	78.0	78,3	78.4	78.4	78,5 79,5	78.5	79.5	78.5	78.5	78,5	78.5
≥ 1500	73.6	77.8	80.2 81.6	81.3	81.7	79.7 81.7	80.1 82.2 83.9	80.1 82.2 84.0	82.2	80,3 82,4	80,3	\$2.4	82,5	82.5	80,3	80.3
≥ 1000	75.0	82.1	83.4	84.8	85.4	85.5	86,1	86.3 87.3	86.3	86.5	84.3 86.7 87.8	86.7		87.0	97,0 88.1	84.4 87.0
≥ 800 ≥ 700	75.4	83.2	85.6	86.9	87.6	87:7	88.3	88.5	1177	88.8	89.0	89.0	88.0 89.3	88.0 89.3	89.3	89.3
≥ 500	75.6	83,8	86.2	88.5	89.5	89.7 90.9	90.5	90.9	91.0	91.3	91.7	91.7	92.0	92.0	92.0	92.0
≥ 400	75.9 75.9	84.3	87.0 87.2	89.9	91.2	91.6	92,8	93.5	93.7	94,5	94.9	95.0	95.5	95.6	95.6	95.6
≥ 200	75.9 75.9	84.4	87.2		91.5	91.9	93,3	94.2	94.7	96.1	1777	97.0	97.9	98.0		98.6
≥ 0	75.9	84.4	87.2		91.5	91.9	93.3	94.2	94.7	96.1	96.9	1	98.2	98.4		00.0

TOTAL NUMBER OF OBSERVATIONS

2924

USAF ETAC FORM

, (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

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13909 VANCE AFB DKLAHDMA/ENID

42-47-49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING					· · · · · · · · · · · · · · · · · · ·		VIS	BILITY (STA	ATUTE MIL	ES:	-					
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2'2	≥ ?	≥1'2	≥11.	≥1	≥ '₄	≥ 5/8	≥ 2	≥ 5 16	≥ '•	≥0
NO CEILING ≥ 20000	52.3 63.4	53.8 65.8	1	54.1 66.2	54.2 66.3	54.2	54,2	54.3	54.3	54.4 66.5		54.4	54.4	54.4	54.4	1 1 1
≥ 18000 ≥ 16000	64.1 64.4	66.4	65.7	66.9	67.0 67.5	67.0 67.5	67,0 67,5	67.1 67.6	67.1	67.7	67,2 67,7	67.2	67.2 67.7	67.2	67.2 67.7	67.2 67.7
≥ 14000 ≥ 12000	66.0 68.4	68.7	69.0	69.2 72.0	72.1	72.1	72.1	69.5 72.3	69.5 72.3	69.6 72.4	69.6 72.4	72.4	72.4	72.4	69.7 72.4	69.7
≥ 10000 ≥ 9000	69.6 70.1	72.7	73.0 73.8	73.3	73.4	73.4	73,5	73.6	73.6	7367	73.7	73.7	73.7	73.7	73,7 74,5	73.7
≥ 8000 ≥ 7000	70.9 71.7	74.4	74.8	75.0 75.8	75.2 76.1	75.2	75.2	75.4	75.4 76.3	75.5	75.5 76.4	75.5	75.5	75.5	75.5 76.4	75.5
≥ 6000 ≥ 5000	72,1 72.8	75.9 76.8	76.3	76.5	76.7	76.7	76,8	77.0	77.9	77'.1 78.0	77,1	77.1 78.0	77.1	77.1	77.1 78.0	77.1 78.0
≥ 4500 ≥ 4000	73.0 73.5	77.1	77.4	77.7	78.0	78.0	78.1	78.2 78.8	78.2	78.3	78,3 78,9	78.3	78.3	78.3	78,3 79.0	78.3
≥ 3500 ≥ 3000	73.9 74.7	78.1	78.5	78.9	79.2 80.1	79.2	79,3	79.4 80.4	79,4	79.5 80.6	79.5	79.5	79.5	79.6 80.6	79.6 80.6	79.6
≥ 2500 ≥ 2000	75.6	80.1 81.3	80.6	81.0	81.3 82.7	81.3	83,0	81.6 83.1	81.7	81,8	83.3	83.3	83.3	81.9	81,9	81.9 83.4
≥ 1800 ≥ 1500	76.8	81.8	83.7	82.8	84.7	83.2	83,5	83.6	83.7	83.8 85.6	85,6	83.8	85.7	83.9	83.9	83.9 85.7
≥ 1200 ≥ 1000	78.1	84.0 85.0	86.2	86.1 87.5	85.2	88.3	88.9	87.4 89.1	89.2	87.7	87,7 89.5	89.5	89,6	89.6	87.8	87.8
≥ 900 ≥ 800	78.5	85.2 85.6				88.6		89.6 90.9	91.0	89,8 91,3	91.4	91.4	91.5	91.5	90,1	90.2
≥ 700 ≥ 600	78.9	85.8	88.0	90.0	90.6	90.7	92,4	92.8	92.1	92,3	93,5	93.5	92.6	93.7	92.6	92.7
≥ 500 ≥ 400 ± 300	79.0 79.0	86.0 86.0	88.4	90.5	92.0 92.5 92.6	92.2 92.6 92.7	93.	93.8 94.8	94.1	94%7 96.2	96,5	96.5	96.8	95.3	95.3 96.9	95.4 97.1 98.0
≥ 200	79.0	86.0 86.0	38.4	90.6	92.6	92.8	94.2	95.0 95.2 95.2	95.6 95.8 95.8	96.9 97.2 97.2	97.8	97.8	98.3	98.6	98.7	99.0
≥ 00 ≥ 0	79.0	86.0		90.6		92.8	94.2	95.2	95.8	97.2	97.9	98.0	98.6	4 7 7 21	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

2894

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-47,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥212	≥ 2	≥1'2	≥1'4	≥1	≥ 34	≥,*	≥ '3	≥5 16	≥ .	≥0
NO CHLING ≥ 20000	56.8 64.6	60.0	60.2		60.7				69.6		69.7	69.7	61.0	61.0		
≥ 18000 ≥ 16000	65.1 65.6	69.1	69.5 70.2	69.8	69.9 70.7	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.3 71.1	70.3
≥ 14000 ≥ 12000	67.1 68.9	71.5	71.8	72.2	72.5	72,6	72.6	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72,8 74.8	72.9
≥ 9000 ≥ 9000	70.5	75.2 76.1	75,6	76.9	76.3	76.4	76,4 77,3	76.4	76.4	76.6 77.5	76.6	76.6	76.6	76.6	70.6	76.7
≥ 8000 ≥ 7000	71.5	76.6 77.8	77.1 78.3	77.5	77.8	77.9	77.9	77.9	77.9	78.1 79.3	78.1	78.1	78.2	78.2 79.4	78,2 79.4	78.2 79.4
≥ 6000 ≥ 5000	72.9	78.3	78.8	79.3 80.1	79.5	79.7	79.7	79.7	79.7	79,8	79.8	79.8	79.9	79.9 80.7	79,9	80.7
≥ 4500 ≥ 4000	73.6	79.3 80.0	79.8	80.2 81.0	80.5	80.7 81.5	80.7 81.5	80.7	80.7	80.8 81.6	80,8	80.8	80.9	80.9	80.9	80.9
≥ 3500 ≥ 3000	74.5 74.8	80.5	81.4	81.5	81.8	82.5	82,0	82.0 82.6	82.0 82.6	82.2	82.2 82.7	82.7	82.2	82.2	82,2 82,8	82.3 82.8
≥ 2500 ≥ 2000	75.5 76.6	82.1 83.6	82.7 84.2	83.2 84.7	83.6	83.8	83,8	83.9	83.9	84.0	84.0 85.6	84.0	84.1	84.1	84.1	84.1
≥ 1800 ≥ 1500	76.7 77.1	83.8	84.5	85.0 86.4	85.4	85.6	85,8	85.8	85.8	85,7	85.9 87.4	85.9	86,0	86.0	86,0	86.0
≥ 1200 ≥ 1000	77.5	85.5 86.2	87.5	88.4	89.0	88.2	88,4	89.5	88.5	85,6	88.6	88.6	88.7	88.7	88.7	88.7 90.0
≥ 900 ≥ 800	78.3	86.8	88.8	90.1	90.8	90.1 91.1	90,4	90.5	90,5	90,7 91.8	90,7	90.7	90.9	90.9	91,0 92,1	91.1 92.2
≥ 750 ≥ 600	78.4	87.7 87.8	89,2	90.7	92.3	92.6	92.2	92,4	92.4	92,6	92.7	92.7	92.9	92,9	93.0	93,1 94,2
≥ 500 ≥ 400	78.4 78.4	87.8	89.7	91.9	92.9	93.6	94.4	94.0	94.0	95.6	94.6	94.6	94.9	94.9	95.1	95.2 96.4
≥ 300 ≥ 200 ≥ 100	78.4 78.4	87.9 87.9	90.0 90.0	92.0 92.1 92.1	93.7	93.9	94,8	95.5	95.6	96.8	96.7	96.7	97.1	97.2 97.8	97.4	97.5 98.4
≥ 100 ≥ 0		87.5	90.0	92.1	93.7	94.0 94.0	95.1	95.6	95.8	97.1	97.5	97.5	98.1	98.2	92.6 98.81	98.9

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC $\frac{6.264}{120.04}$ 0-14-5 (OL A) previous editions of this form are obsolete

CEILING VERSUS VISIBILITY

13909 VANCE APB CKLAHOMA/ENID

42-47,49475

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING		<u>.</u>					VIS	SIBILITY (ST	ATUTE MIL	.ES)						
	≥10	_≥6	≥5	≥ 4	≥3	≥2'2	≥2	≥11%	≥1%	≥1	≥ 14	≥ 5-1	≥ '⁄2	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	59.5 64.7	63.0									63,9		63.9	63.9	63.9	64.0
≥ 18000 ≥ 16000	64.9	69.1	59.5	69.7	70.0		70.1	70.1	70.1	70.1 70.5	70.1	70.1	70.1	70.1	70.1 70.5	70.2
≥ 14000 ≥ 12000	66.6	71.0	71,4 73.1	71.7	72.0			72.0	72.0	72.0	72.0	72.0	72.0	72.0	72,0	70.6
≥ 10000 ≥ 9000	70.1	75.0	75.4	75.7	76.0		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	73.7	76.2
≥ 8000 ≥ 7000	71.3	76.6	77.1	77.5	77,8		77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.0
≥ 6000 ≥ 5000	72.7	78.3 78.9	78.7 79.3	79.1	79.4	79.5 80.1	79,5	79.5	79.5	79,5 80.1	79.5 80.1	79.5	79.5	79.5	79.5	79.1
≥ 4500 ≥ 4000	73.5	79.2	79.7	80.1	80.4 81.1	80.5	80.5	80.5	80.5	80.5 81.1	80.5	80.5	80.5	80.5	80.2	80,3
≥ 3500 ≥ 3000	74.5	90.4 81.0	80.9	81.3	81.6	81,6	81.6	81.6	81.6	81.6	81,6	81.6	81.7	81.7	81,7 82,4	81.8
≥ 2500 ≥ 2000	75.4	82.0	82.7	83.2	83.5	83.5	83,7	83.7	83.7	83.7 85.6	83,7	83.7	83.7	83.7	83,7	82.5
≥ 1800 ≥ 1500	76.9	84.5	85,2	85.7	86.1	86.2	86,4	86.4	86.4	86,5	86.5	86.5	86.6	86.6	86.6	85.9 86.7 87.9
≥ 1200 ≥ 1600	77.5	86.3	87.9	88.7	88.4	88.5	88.9	58.9 89.8	89.0	89.1 90.1	89.2	89.2	89.3	84:3	89.3	87.4
≥ 900 ≥ 800	78.1 78.2	87.3	89.4	89.1	89.7	89.8	90.3	90.9	90.4	90,6 91,2	90.7	90.7	90.8	90.9	90.9 90.9	91.0
≥ 700 ≥ 600	78.2 78.3	88.4 88.8	89.7 90.2	90.6	91.2	91.3	91.8	91.8	91.9	92.1 92.8		92.3	92.5	92.6	92.6	92.7
≥ 500 ≥ 400	78.3 78.3	89.0 89.1	90.7	91.7	92.5	92.7	93,3	93.3	93.4	93,7	93.8	93.9	94.1	94,2	94,2	93,5 94,4 94.9
≥ 300 ≥ 200	78.4 78.4	89.3 89.3	91,0	92.2	93.1	93.3	94,1	94.1	94.2	94,8	95.1	95.1	95.3	95,4	95,4	95.6
≥ 100 ≥ 0	78.4 78.4	89.3	91.1	92.4	93.4	93.6	94.6	94.7		95.9		96.4	96.6	96,7	97.4	97.9

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

13909

€.

VANCE AFB OKLAHOMA/ENID

42-46,49-60,72-73,75

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	IBILETY →ST.	ATUTE MILL							
,FEET	≥10	≥6	≥5	≥ 4	≥3	≥2'2	≥2	≥1 2	≥1 .	≥1	₹ ,⁴	≥'₄	≥ ,	≥ 16	≥ ,	≥c
NO CEILING ≥ 20000	51.0 55.4		1	- ; -	56.5 61.4	56.5	56.7				56.9	56.9 61.7	57.1 62.0	57.3 62.1	57.4 62.2	57.8 62.6
≥ 18000 ≥ 16000	55.5 56.0	60.6	60.9		61.5	61.5	62.5	61.8	61.8	61.8	61.8	61.8		62.2 63.0	62.4	62.7
≥ 14000 ≥ 12000	57.0 58.6		1773	62.9	63.3	63.3	63,5		63.5 65.2	11 - 4	63,6	.63.5		64.0	64.1 65.8	64.5
≥ 10000 ≥ 9000	59.2 59.2	64.7	65.0 65.0		65.7 65.7	65.7 65.7	65.9 65.9	65.9	65.9	66.0 66.0		66.0		66.4	66.5	66.9
≥ 8000 ≥ 7000	60.1 60.4	65.7	66.0 66.6	66.9				67.5	67.5	67.6	67.6	67.6	67.8	67.4	67.5 68.1	67.9 68.5
≥ 6000 ≥ 5000	61.0 52.3	68.5		69.3	69.7	69.7	59.9	70.0	70.0	70,1	70.1	70.1	70.3	70.5	70.6	
≥ 4560 ≥ 4000	62.9	69.3	71.6	72.0	72.4	70.6	72,5	72.6		72.7	72.7	72.7	71.2	71.3	71.4	71.8
≥ 3500 ≥ 3000	65.9	72.6		73.5	73.9	73.2	73.4	73.5	73.5	74.2	74.2	73.5	73.8	74.0	74.8	79.4
≥ 2500 ≥ 2000	66.3	74.0	77.9	78.3	78.8	75.5 78.8		75.8	79.2	79.3	79.3	75.8	76.1	76,2	70,3 79.8	80.2
≥ 1800 ≥ 1500	68.8	77.6	80.1	80.6	81.2		80,0 81,6	61.7		81.8	81.8				82,3	82.7
≥ 1200 ≥ 1000	69.9 70.5	79.9 30.9	82.6	83.2	83.9	82.5	84.4	84.5	84.6	84,0	84.8				65,3	85.7
≥ 900 ≥ 800	70.5		84.1	85.2	85.9		86.4	85.0	86.6	86,9	86.9	85.2 66.9	87.1	85.6 87.3 88.0	87,4	87.8
≥ 700 ≥ 600	71.2	£3.0	85.2	86.7	86.5			88.6	88:0	87:5 59:0	89.0	89.0	89.3	89.4	89,5	89.9
≥ 500 ≥ 400	71.4 71.4	83.1 83.1	85.7	87.5			88.8	90.3	.50.3	9048	90.8	90.8		90,3 91,6 93.3		92.2
≥ 300 ≥ 200	71.4		86.0	88.1	39.7	89.9		92.1	92.1	92.7	92.9	92.2	94.1	94.5	94.8	
≥ 100 ≥ 0	71.4		86.2			- 7		92.4				93.5		53.6		100.0

TOTAL NUMBER OF OBSERVATIONS ..

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46-49-75

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET							VIS	IBILITY IST	ATUTE MIL	ES:						<u> </u>
	≥10	≥6	≥5	≥4	≥3	≥2 2	≥ 2	≥1:	≥1'4	≥1	≥ 14	≥`₄	≥ ;	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	50.0 56.0							56.1	56.1 62.5	56.3 62.7	56.5 62.9	56.5	56.7 63.1	56.7 63.2		
≥ 18000 ≥ 16000	56.0 56.3	61.4	61.8	62.2	62.4	62,4	62,4	62.5	62.5	62.7	62.9	62.9	63.1	63.2	63.3	7771
≥ 14000 ≥ 12000	56.7 58.9	62.3	62,8	63.2	63.4	63.4	63,4	63.5	63.5	63.7	63.9	63.5	63.7	64.1	64,2	64.7
≥ 10000 ≥ 9000	59.9 60.2	66.0	66.8	66.9	67.1	67.1	67.2	67.3	67.3	67.5	67.6	67.6	67.8	67.9	68.0	68.4
≥ 8000 ≥ 7000	61.0	67.8	67.7	68.1	68.3	68.3	68,4 69.0	68.5	63.5	68.7	68.9	68.9	69.1	69.1	68,3	68.8
≥ 6000 ≥ 5000	62.3	68,8	69.3	69.6	69.9	69.9 71.5	70,0	70.1	70.1	70.3	70.5	70.5	70.7	70.8	70,9	70.3
± 4506 ≥ 4000	54.2 65.2	71.1	71.7	72.0	72.3	72.3	72.4	72.5	72.5	71.5	72.9	72.0	72.2	73.2	72.4	72.8
÷ 3500 ≥ 3000	65.9	73.1	73.5	73.9	74.6	74.6	74,6	73.6 74.7 75.8	74.7	74.9	74.0 75.1	75.1	75.3	74.2	75.5	74.8
≥ 250C ≥ 200C	67.7	75.5	76.2	76.6	77.5	77.5	77,6	75.8 77.7 79.8	77.7 79.9	76.0 77.9 80.1	76.2 78.1	76.2	78.3	78,3	78.4	77.0 78.9
± 1806 ≥ 1500	69.1	77.7	78.5 79.5	79.0	79.8	79.8 80.9	79.9 81.0	80.1 81.1	80.2	80.4	80.6	80.6	80.8	80.9	80.7	81.5
≥ 1200 ≥ 1000	69.8	79.5	80.4	81.0	82.1	82.1 84.0	82.3	82.4	82.5	81.5	83.0	81.7	81.9	82.0	82.1	82.5
≥ 90k ≥ 800	70.9	81.6	82.5	83.2	84.4	84.5	84.7	84.8 84.8	85.0	85.3	85.5	85.5	85.9	85.3	85.5	86.6
± '00 ≥ 500	71.5	82.0	83.8	84.8	86.3	86.3	86.7	86.8	87.0	87.3	86,8	87.5		88.0	87.6	88.7
≥ 5.y, ≥ 400	71.7	82.8	84.7	86.0	87.7	87.8 88.5	88.5	87.7 88.7 89.7	88.8 89.8		89.4	89.4	89.9	89.9		90.8
≥ 300 ≥ 200	71.7	82.8	84,9	86.7	88.8 89.2	88.9	90,3			91,3	90.7		92.3	91.4	93.0	92.2
≥ 100 ≥ 0			85.0	86,9	69.2	69.3 89.4	91.0	91.5	91.8	93,0	93,5	93.5	94.5	94.6		95.0

TOTAL NUMBER OF OBSERVATIONS

1930

USAF ETAC + 0+4 0-14-5 (OL A) PREVIOUS EGITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

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13909 VANCE AFB OKLAHOMA/ENID

42-46,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VIS	IBILITY STA	ATUTE MILI	ES		·				
reei	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 2	≥ 2	≥1'2	≥1.4	≥1	≥ '₄	≥ `₄	≥ ;	≥ 5 16	≥ .	≥0
NO CLILING ≥ 20000	46,8 53.2	50.0 57.0			51.8 58.9	52.0 59.1	52.2 59.3	52.4 59.5	52.5 59.6				53.1	53.1	53.2 60,4	1
≥ 18000 ≥ 16000	53.4 53.8	57.2 57.7	58.1 50.6	58.8 59.3	59.2 59.7	59.4 59.9	59,5 50,0	59.8 60.3	59.8 60.3	60. 50.6	60.2	60.2	60.4	60.4	60.7	61.7
≥ 14000 ≥ 12000	54.6 56.3	58.6	59.6 61.7	60.2	60.6	60.8	61,0	61.2	61.3	61.6		61.7	61.9	61.9	64.3	64.8
≥ 10000 ≥ 9000	57.4 57.8	62.4	63.6	64.4	64.8	64.6	65,1	65.0 65.4	65.4	65,3	65.8	65.5	65,8	65.8	56,0 66,4	66.9
≥ 8000 ≥ 7000	58.8 59.7	64.4	64,7	65.5	65.7	66.0		67.5	66.5	67,8	68.0			67.2	67,5	68.0
≥ 6000 ≥ 5000	60.3	66.5		68.0		68.0	68,2 69,5	69.7	59.7	70.1	70.2	70.3	70.6	70.6	69,6 70.8	70.1
≥ 4500 ≥ 4000	65.5	56.7 67.5	66.2	69.7	70.3	70.5	70.7	70.9	70.2		71.5	71.5	71.8	71.0 71.8	71.2	71.8
≥ 3500 ≥ 3000	63.3	69.5	70.9	71.8	72.7	71.8	72.0	73.3	73.3	73.6	73.8	73.9	74.1	73.2	73.4	73.9
≥ 2500 ≥ 2000	65.2	70.5	73.8	74.9	73.7	73.9 75.9	74.1 76.1	74.4 76.4	76.5	76.9	77.1	75.0	75.3	75.3 77.4	75.6 77.7	76.1
≥ 1800 ≥ 15√0	65.3	72.7	74.4	75.4 76.8	77.7	76.4	76.7	77.0 78.5	78.6		79.2	77.7	78.0	78.0	78.3 79.8	80.3
≥ 1200 ≥ 1000	66.9 57.1	75.4	77.3		81.0	81.2	80.1 81.5	81.9	82.0	82.7	82.8		81.5	81.5	81,8	84.1
≥ ′00 ≥ 800	67.5	75 7				83.5		84.5		85,2	85.4	83.8		84.2	84.5	85.0
≥ /00 ≥ 600	48.1 68.3	78.1	81.5	83.5	85.0	85.3		86.6		87.4	87.7	87.7	88.0		87.2 88.4 89.7	87.7
≥ 5° ≥ 40∪ ≥ 300	68.3	78.8 78.9	82.0	84.5 84.5	86.5	87.0		88.7	87.8 88.9 89.3	90.0	90.4	88.9 90.4	90.9	89.3 91.0 92.0		90.3 92.0 93.1
≥ 200	68.3	73.9	82.0	84.6	36.8		88.7	89.7	90.0	91.7	92.4	142.6	93.4	93.6	94.1	95.1
≥ 106	68.3				86.8	. ,		89.8	_ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	92.0		92.9				100.0

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							ViSi	BILITY ISTA	ITUTE MILE	ES.		~··········		·		
FEET	≥10	26	≥ 5	≥ 4	≥3	22,	≥ 2	≥1'.	≥1'₄	≥1	≥ '₄	≥`.	≥ .	≥ 5 16	≥.	≥ 0
NO CEILING	47.6 55.2	50.0 58.2	50.4 58.8	50.9 59.4	51.1 59.7	51:1 59:7	51,2 59.8	51.3 59.9	51,3 59.9	51,5 60.1	51.5 6.1	51.5 60.1	51.6 60.2	51.6 60.2	51.6 60.2	51.9 60.4
≥ 18000 ≥ 16000	55.2 55.7	58.3 58.9	58,8 59.4	59.5	59.8	59.8 60.4	59,9	60.6	60.0	60.2	60.2	60.8	60.3	60.3	60.3	61.1
≥ 14000 ≥ 12000	56.4 57.6	59.7 60.9	60.3	60.9	62.5	61.2	61,3	61.4	62.7	61.6	62,9	62.9	61.7	63.0	61,7	63.2
≥ 9000	59.3	63.6	64.1	65.0	65.2	65.2	65,3		65.5	64.9 65.6	64.9 65.7	65.7	65.0	65.7	65.8 67.3	65.3
≥ 8000 ≥ 7000 ≥ 6000	61.8 62.5	65.1 66.0 66.8	65.7 66.6 67.4	67.5	67.7	6747 68.7	60,8 67,8 68,9	67.0 68.0	67.0 68.0 69.0	67,2 68,1 69,2	68.2	68.2	68.2	68.2	68.3	68.5
≥ 5000	63.1	67.4	68.0	69.1	69.4	69.4	69.7		69.7	69.9	69.9	70.1	70.0	70.0	70.0	70.3
≥ 4000 ≥ 3500	64.1	68.2	68.9	70.0	70.8	70.3	70.5	- " }	70.7	70.9	70.9	70.9	71.0	71.0	71.0	71.2
≥ 3600	65.1	69.4 70.2	70.2	71.4	71.7	71.7	73,1	72.1	72.1	72.4	72.4	72.4	72.5	72.5	72.6	72.8
≥ 2000 ≥ 1800 ≥ 1500	66.2	72.2	72.9	74.7	75.3	75.4	75.2	75.9	75.9	76.2	76.3	75.9	76.4	75.9	76.0 76.4 77.9	76.6 76.6 78.2
≥ 1200 ≥ 1000	66.8 67.7 68.2	73.2 /5.0 76.1	76,4	76.0 78.2 79.8	79.1 80.8	79.1	77.1 79.6 81.5	79.8 81.9	79.9	80.2 82.3	80,4 82.5	80.4 82.5	80.5	80.5	80.6	83.5
≥ 900 ≥ 800	68.3	16.7	78.6 79.4		81.9	82.0 83.2		83.3 84.7	83.5	83.8 85.2	84,0	84.0 85.4	84.2	8442 85.0	84,4 85.8	84.6
≥ 700 ≥ 600	68.8	78.3	80.7	82.8 83.5	85.0	85.3	86.2		86.3 87.3	87.9		86.9 88.1	87.1 88.3	87.1 88.3	87.3 88.5	87.5 88.7
≥ 500 ≥ 400	69.1	78.8	81.3	84.0	86.5	86.3	88.3	89.7	90.1	89,5 91,4	91.6	91.6	91.9	91.9	90.1	90.3 92.3 94.6
≥ 300 ≥ 200	69.1	78.9 78.9 78.9		85.0	87.0		89,5	91.2	91.6	93.8		94.5	95.4	94.1 95.6 96.3	94.3	96.4
≥ 100 ≥ 0	69.1	78.9			87.0		89.5	91.2	91.6 91.6			94.9		96.3		100.0

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46,49-75

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET					,		VIS	SIBILITY SI	ATUTE MII	LES						
	≥10	≥6	≥ 5	≥ 4	≥3	≥2 ;	≥ 2	≥1,	≥1.	≥1	≥ .	≥ ′•	≥ ,	≥5 16	≥ .	≥0
NO CHUNG ≥ 20000	50.9				53.7	53.7	53.9									54.1
≥ 18000 ≥ 16000	59.7			63.3	63.3	63.4	63.6	63.5	63.7	63.6	63.6 63.8		63.6			63.6
≥ 14000 ≥ 12000	60.8	63.3	64.0		64.6	1	64,0	64.1	65.0	64.3	64.1	64,1	64.2	64.2	64.2	65.2
≥ 15000 ≥ 9000	62.9	65.7	65.3				66.5	67.6	67.6		66.6	65.6	66.6	66.6	66,7	66.7
≥ 8000	64.4	67.5	67.1	69.0		- 3-3-K	68.2	69.5	68.3	68.4	68.4	68.4	68,4	68.4	68.4	68.4
≥ 7000	64.9	68,1	69.0	69.7 70.5	69.9 70.7	70.0		70.2	70.2	70.3	70.3	70.3	70.4	69,6 70.4	70.4	70.4
≥ 5000	66.0	69.4	70.2	71.0	71.2	71.3	71.5	71.1 71.6	71.1 71.0		71.2 71.7	71.2	71.2	71.2	71.3	71.3
≥ 4000 ≥ 3500	66.7	70.3	71.2	72.0	71.5	71.6	71.8	71.9 72.6	71.9		71.9	71.9	72.0	72.0	72.0	72.0
≥ 3000	68.2	71.1	72.1	72.9	73.1	73.2 74.3	73.5	73.6	73.6	73.7	73.7	73.7 74.8	73.7	73.7	73,7	73.7
≥ 2500 ≥ 2000	69.3 71.0	75.9	74.7	75.7	76.0 78.6	76.1	76,4	76.6	76.6		76.6	76.6	76,7	76.7	76,7	74.9
≥ 1800 ≥ 1500	71.5	76.8 78.5	78.0	79.1	79.6	79.7	80.0	80.2 82.5	80,2	80.3	80.3	80.3	80.3	80.3	79.5 80.4	79.5
≥ 1200 ≥ 1000	73.6 74.0	80.1	81.8	83.5	84.2 86.0	94.3	34,7	85.0	82.5	82.6	85.1	82.6	85.2	85.1	82.7	82.7
≥ 900 ≥ 800	74.2	81.7	84.0	85.9	86.8	87.0		88.1	87.1	87,3	87.3	87.3 65.7	88.7	87.4	87.5	87.5
≥ 700 ≥ 600	74.7	82.6	85.4	87.9	88.2	88.5		90.8	90.5	90.3	90.7	90.7	90.8	90.8		91.0 92.0
≥ 500 ≥ 400	74.8	82.8	85.7	88.5	90.9	90.1		91.7	91.8	92.3	94.7	92.7	92.9	92.9	93.1	93.1
≥ 300	74.8	83.0	86.5	89.9	91.5	92.4	93.3	94.4	94.6	95.7	96.3	96.3	96.6	96.7	96.9	95.2 96.9
≥ 100	74.8		86.7	90.0	91.9	92.6	93,9	95.2	95.4	96.9	9767	97.8	98.7	98.8	99.0	98.2 99.0
≥ 0		!			91.9				95×5 95•5						99.3 99.31	99.5

CEILING VERSUS VISIBILITY

VANCE AFB OKLAHOMA/ENID 42-46,49-75

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES.						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2'2	≥ 2	≥1′2	≥1.4	≥1	≥ ⁄₄	≥ *	≥ ;	≥5 16	<u> </u>	≥0
NO CEIUNG ≥ 20000	51.9	54.3 64.4		54.7 65.1	54.7 65.2					55.0 65.5		55.0 65.5	55.0 65.5	55.0 65.5	55.0 65.5	
≥ 18000 ≥ 16000	61.7	64.7	65.1 65.8	65.5	65.6	65.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	
≥ 14000 ≥ 12000	63.1	66.3	66.7	67.0 68.1	67.2	67.2	67,3	67.3	67.3	67.4	57.4 68.5	67.4	67.4	67.4	67.4	67.4
≥ 10000 ≥ 9000	65.4 65.8	68.8	69.3	69.9	70.0	70,0		70.1	70.1	70.3	70.3 70.6	70.3	70.3	70.3	70.3	70.3
≥ 8000 ≥ 7000	66.8	70.3	70.9	71.4	71.5	71.5	71.7	71.7	71.7	71.8	71.8	71.8	71.8	70.6	71.8	71.8
≥ 6000 ≥ 5000	68.5	72.1	72.8	73.3	73.5	73.5	73.6	73.7	73.7	73.8	73.8	72.8	73.8	73.8	72.8	72.8
≥ 4500 ≥ 4000	69.4 70.3	73.3	74.0	74.7	74.8	74.9	75.0	75.0 76.1	75°0 76 1	75.1 76.2	75.1	75.1	75.1 76.2	75.1	75.1 76.2	75.1 76.2
≥ 3500 ≥ 3000	71.1 72.0	75.3	76.1	76.8	76.9 78.1	77.1 78.2	77,2	77.2 78.4	77.2	77.3	77,3	77.3	77.3	77.3 78.5	77.3 78.5	77.3 78.5
≥ 2500 ≥ 2000	73.5 75.1	78.1 80.3	79.2	80.0 82.5	80.2	80.3 82.8	80,5 83,0	80.5 83.1	80,5	80,6 83,2	80,6	80.6	80,6	80.6	80.6	80.6
≥ 1800 ≥ 1500	75.4	81.1	82.4 84.1	83.3	83.5	85.5	83,9	84.0	84.0 85.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1200 ≥ 1000	76.7	83.8	85.5	86,8	87.2 89.2	87.3 89.3	87.6	87.8 89.9	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0 90.4
≥ 900 ≥ 800	77.2	85.2 85.5	87.3 87.8	89.1	89.7 90.7	89.8	90.3	90.5 91.8	90.5	90.9	91.0	91.1	91.1	91.1 92.7	91,2	91.2
≥ 700 ≥ 600	77.4	85.8 85.9	88,3 88,5	90.5	91.2	91.4	92.1 92.8	92.6	92.7	93,3	93,4	93.5	93.5	93.5	93,6	93.6
≥ 500 ≥ 400	77.4	86.1 86.1	88.9	91.4	92.7	92.9 93.5	93,9	94.6 95.6	94.9	95.6 96.8	95.9 97.2	95.9	96.0	96.0 97.5	96.2 97.7	94.6 96.2 97.7
≥ 300 ≥ 200	77.4	86.1	89.0 89.0	91.9	93.5	93.9 93.9	95,2 95,2	96.2	96.6	97,5 97,7	98.1 98.3	98.2	98.4 98.9	98.4	98.7	98.7
≥ 100 ≥ 0	77.4	86.1 86.1	89.0		93.5	93.9	95.2	96.2	96.6	9777			98.9	99.1	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS

2055

USAF ETAC 101.64 G-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLSTE

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							·15	BILITY STA	TUTE MILE	FS						
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥257	≥ 2	≥1'2	≥1'4	≥1	≥ 34	≥'•	≥ ,	≥5 16	٤.	≥0
NO CEILING ≥ 20000	54.7 63.3		58.8 68.1			59.3 68.7			59.4 68.8			59.4 68.8	59.5 68.9	59.5 68.9	59.5 68.9	59.5
≥ 18000 ≥ 16000	64-0	67.9 68.5	68.3		68.7	68 • 8 69 • 5	68.9 69.5	69.6	69.6		69.7	69.7		69.1 69.7	69.1	69.7
≥ 14000 ≥ 12000	65.0 66.5	69.7	70.2	72.2	70.6	70.8		72.7		72.8			71.0	71.0	71.0	71.0 72.9
≥ 9000	67.5 67.9	73.1	73.5	73.5 74.0		74.3	73.9	74.5	74.5				74.1	74.6	74.6	74.6
≥ 8000 ≥ 7000	69.2	73.9	75.3		75.9	75.2 76.1	75.2		75.3 76.3	76.3	75.3	75.3		76.4	76.4	75.4
≥ 6000 ≥ 5000	69.8 70.6 71.2		76.1 77.4 78.0		78.1	77.0 78.4 79.0	77.2 78.4 79.1	77.2	77.2 78.5 79.2			78.6	77.3 78.7 79.3	78.7	78.7 79.3	78.7
≥ 4000 ≥ 3500	71.6	77.9	78.5 79.5	79.1	79.3	79.6	79.6		79.7	79.8	79,8	79.8	79.9	79.9	79,9	79.3
≥ 3000	73.6	19.6	80.4	81.1	81.4	1	81.7			81.6	81.8	81.8	81.9	81.9	81,7	81.9
≥ 2000 ≥ 1800	75.3	82.9	83.9	84.8	85.2	85.4		85.7	85.7		85.9	85.9	86.0		36.0 86.8	86.8
≥ 1500	76.1 76.3		86.7	88.0			89.3	88.2 89.5	88.2	39.8	89.8	89.8	89.9	89.9	88.6	88.6
≥ 1000	76.7	86.3		89.1	89.8	90.1	90,8	91.2	91.2	91.5		91.5		91.6		91.6
≥ 800 ≥ 700 ≥ 600	76.9	86.6	88.4	89.9	91.1	- 7		92.9	92.9	93.2	93.3	93.3	93.4			92.8 93.4 94.2
2. 50C ≥ 400	76.9 76.9 77.1			90.3	91.8		92.8 93.3 94.0	94.0	94.2	94.6		94.7 95.9	95.1		95.1 96.6	95.2
≥ 300 ≥ 200	77.1 77.1	86.9	88.9	90.7	92.4	93.1	94.5	95.3	95,5	96.4	96.7	96.7	97.3	97.5		97.8
≥ 100 ≥ 0	77.1 77.1	86.9	88.9	90.7	92.5	93.2	94,6	95.3		96.7	97.2	97.2	98.2	98.7		99.3 100.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-1.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING				-			VIS	BILITY (\$1.	ATUTE MIL	ES:						
FEET	≥10	<u></u> ≵6	≥5	≥ 4	≥3	≥21/2	≥ 2	≥1'z	≥1'4	≥1	≥ 14	≥,,	≥ '2	≥5 16	≥ '4	≥0
NO CEILING ≥ 70000	56.9 62.3	60.1	66.5	60.7 66.9	60.9	. = 1					61.3	67.5	61.4	61.4	61.5	7 = 7 = 1
≥ 18000 ≥ 16000	62.3 62.7	66.6	67.0	66,9 67.3	67.1 67.5	67.2 67.6	67,3 67.7		67.4	67.5 67.9	67.5 67.9	67.5	67.6 68.0	67.6 68.0	67.7 68.2	67.7 68.2
> 14000 ≥ 12000	64.3	67.5 68.3	67.9 68.8	68.2 69.2	68.4	68.5 69.5	68,6	اماستا	68.7		68.8	68.8	68.9	68.9	69.0 70.1	69.0 70.1
≥ 9000	65.4 65.4	69.9 70. /	70.3 70.4	70.8		71.1 71.2	71,2 71,4	71.2	71.2	71.4	71.4	71.4	71.5	71.5	71.6	71.6
≥ 8000 ≥ 7000	65.9	70.8	71.2	71.7	71.9	72.0	72.6	72.2	72.2	72.8	72.3	72.3	72.4	72.5	72.6	72.6
≥ 6000 ≥ 5000	66.8	71.8	72.2	72.7	72.9	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.4	73.5	73,6	73.6
≥ 4500 ≥ 4000	68.5	73.8	74.4	75.1	75.3	75.4	75.5	75.6	75.6	75.7	75.7	75.7	75.8	75.9	76.8	76.0
≥ 3500 ≥ 3000	69.5 70.1	75.0 75.7	75,6 76.4	76.3	76.6	76.7	76,8	76.9	76.9	77.0	77.0 77.8	77.0	77.1	77.2	77.3	77.3
≥ 2500 ≥ 2000	70.6 72.5	76.7 78.9	77.4 79.9	78.3 81.0	78.6 81.3	78.7 81.5	78.9 81.7	79.0 81.8	79.0	79.1	79,1 81.9	79.1	7942	79.3	79,4	79.4
≥ 1800 ≥ 1500	72.9	79.6	80.6 81.7	81.7	82.1	82.2 93.4	82,5	82.6 83.9	82.6	82.8	82,8 84.1	82.8	84.2	82.9	83.0 84.4	83.0
≥ 1200 ≥ 1000	73.7 74.1	81.8 82.6	83.3	84.5 85.6	85.C 86.1	85.1	85,5	85.7	85.7	85.9 87.2	85.9 87.2	85.9 87.2	86.0	86.1	86.2	86.2
≥ 900 ≥ 800	74.1	82.6 83.2	84.6 85.2	85.9 86.7	86,4 87.4	86.5		87.4 88.5	87.4 88.5	87.5 88.7	87,5 88.7	87.5 80.7	87.7 88.8	87.8	87,9 89.0	87.9 89.0
≥ 700 ≥ 600	74.5 74.5	83.5 83.7	85.7 85.9	87.7	88.1 88.5	88.2 88.6	89.0 89.4		89.3 89.7	89.5 90.0	89.6 90.0	90.0	89.8 90.3	89.8 90.3	90.0	90.0 90.4
≥ 500 ≥ 400	74.6 74.8	84.2 84.5	86.7 86.9	88.6 89.1	89.6 90.3	89.7 90.4	90.6	91.0 92.0	91.0 92.1	91.3	91.5	91.5	91./9	92.0 93.6	92,3	92.3 93.9
≥ 300 ≥ 200	74.8	84.5	87.0 87.1	89.3	90.6	91.0 91.2	92.7	93.5	93.4	94.0 94.4	94,4 95,1	94.4	95.1 95.9	95.4 96.2	95,7 96,5	95.7 96.5
≥ 100 ≥ 0	74.8 74.8	84.6	87.2	89.5	91.0	91.3		93.6 93.7	93.9	94.7	95.5 95.6	95.5 95.6	96.5 96.8	96.9 97.2	97.7 98.5	97.9 100.0

1693.

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-61,63,68-69,72-75

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY (ST)	ATUTE MILE	Sı						
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥2'⁄7	≥ 2	≥1%	≥1'4	≥1	≥ 34	≥ %	≥ ⁄2	≥ 5-16	≥ '₄	≥0
NO CEILING ≥ 20000	53.2 59.1	57.4 64.0	57.9 64.7	58.5	58.9	58.9	59,4 66,4	59.4 66.4	59.5	59,6 66,7	59.8 66.8	59.8 66.8	59.8 66.8	59,3 66.8	59.8 66.9	59.9 66.9
≥ 18000 ≥ 16000	59.3 59.3	64.2	64.9	65.7	66.1 66.2	66.1 66.2	66,6	66.6 66.7	66.7 66.8	66.9	67.0 67.1	67.0 67.1	67.1	67.0 67.1	67.1 67.1	67.1
≥ 14000 ≥ 12000	60.2 61.2	65.3	65,9	67.8		67.2	67,7 68.8	67.7 68.8	67.8	67.9	68.0	69.2	68.0	68.0	68.1	69.3
≥ 10000 ≥ 9000	62.3	68.0	68.4	69.6	70.1	70.1	70.6 70.6	70.6	70.4	70.8	70.6	70.6	70.6	70.6	70.7	70.8
≥ 8000 ≥ 7000	63.2	68.7 70.2	71.0	70.3 71.9	70.8	70.8	71.3	71,3	71.4	71,6	71.7	73.3	73.3	73.3	73.4	73.4
≥ 6000 ≥ 5000	65.3	70.8	72.8	72.5	73.1	73.1 74.3	73,5 74.8	73.5 74.8 75.6	73,7 74.9	73.8 75.0	73.9 75.2 76.0	75.2	75.2	75.2	75.2 76.0	75.3
≥ 4500 ≥ 4000 ≥ 3500	65.8 66.6	73.8	74.7	75.7	76.3	76.3	75.6 76.8 77.6	75.6 76.8 77.6	76.9	77.0	77.1	77.1	77.1	77.1	77.2	77.3
≥ 3000	67.9	75.9	76.8	77.9	78.4	78.4	78.9	78.9	79.0	79.2	79.3	79.3	79.3	79.3	79.4	61.3
≥ 2000	70.4	79.7	80.9	82.0	82.8	82.8	83.3	83.3	83.4	00 4	83.7	83.7	83.7	83.7	83.8	83.9
≥ 1200	71.3	81.3			84.5	84.5	85.0	95.0 36.5	85.2	85.4	85.5 87.0	85.5	85.5	87.0	85.6	
≥ 1000	72.5	83.9	85,4	86.8	88.7	87.8	88.3	88.3	88.4	88.7 89.6	88.9 89.8	88.9 89.8		88.9	89,9	89.9
≥ 800	73.2	85.1 85.4	86.9		90.0	89.4 90.0	89.9 90.5	89.9	90.0	91,2	90.7 91.4	90.7	90.7	90.7	90,7	
≥ 600	73.5	85.9	88.3	90.0	91.8	91.8	92,5	91.5			92.5	93.5	92.5	92.5		93.7
≥ 400 ≥ 300 ≥ 200	73.5	86.5	88,8	90.6	93.0	93.0	94.1	94.3	94.4	95,1	95.6	94.1		1		
2 200 2 100 2 0	73.5 73.5 73.5	86.5	88,9	90,9		93.4 93.4	94,8	95.2				96.6	97.3	96±7 97±3 97±7	97,7	

TOTAL NUMBER OF PREERVATIONS

1618

USAF ETAC 101 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75

PERCENTAGE FREQUENCY OF OCCURPENCE (FROM HOURLY OBSERVATIONS)

CEILING				·			VIS	IBILITY ISTA	ATUTE MILI	ES)						
·FEET>	≥10	≥6	≥ 5	≥4	≥3	≥2'2	≥ 2	≥1%	≥1′₄	≥1	≥ 3,4	≥ 3/3	≥ 1/2	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	53.3 57.6	57.8 62.5	58.4 63.1	59.0 63.8		59.4 64.2			60.0 65.0	65,3	60,3 65,4	60.3 65.4	60,4 65.4	60.4	60,4 65,5	65.7
≥ 18000 ≥ 16000	57.7 57.9	62.6 62.8	63.2	63.9 64.1	64.4	64,3			65.3	65.4	65.7	65.7	65.7	65.5	65,6	65.8
≥ 14000 ≥ 12000	58.4 59.2	63,3 64.1	63,9 64.8	64.6	65.0 65.8	65.1 65.9	65,8	66.8	65.8		66.2 67.2	67.2	67.3	67.3	67.4	67.6
≥ 10000 ≥ 9000	60.3 61.0	65.3 56.0	66.7	66.7 67.4	67.7	67.1 67.8	68.0 68.7	68.7	68.0 68.7	69.1	68,4 69.1	68.4	68.5	68.5	68.6	68.8
≥ 8000 ≥ 7000	62.3	67.3 68.5	68.0 69.2		69.0 70.2	69.1 70.3	70,0 71.2		70.0		70,4 71.6	70.4		70.5	70.6	70.7
≥ 6000 ≥ 5000	64.3			70.9	71.3	71.4	72.2	72.3	72.3	72.6	72.7 74.1	72.7	72.7	72.7	72.8	73.0
≥ 4500 ≥ 4000	66.0	71.7 72.4		73.1	73.4	73,5	74,4	74.5	74.5	74.8	74.8	74.8 75.7	74.9	7.4.9	75,0	75.2
≥ 3500 ≥ 3000	67.1	73.3	74.1 75.1	74.8		75.4	76.3	l			76.7 77.8	76.7	76.8	76.8	76,9 78.0	77.1
≥ 2500 ≥ 2000	68.3 69.9		76.3 78.3	, <u>.</u>		77.6 79.9	78.6		78.6		79,0 81.3	779.0	79.0	79.0	79,1 81.5	79,3 81.7
≥ 1800 ≥ 1500	70.6 71.4		79.2 80.6		80.7	80.8 82.6		83.6	83.6	84.0		84.1	82.4 84.1	82.4	82.5 84.2	82.7 84.4
≥ 1200 ≥ 1000	72.1	80.5	81.9 83.7	82.8 84.7	83.9 85.9				85.0 87.1		87.7	87.7	87.8	87.8	85,7 87.9	85.9 88.1
≥ 900 ≥ 800	73.0 73.0	82.8		85.2 85.8			88,1	88.2	88.2		88.5	88.8	88.9	88.9	88,4	88.6 89.2
≥ 700 ≥ 600	73.4	84.0	85.9	1 "	88.9	89,0	90.2		90.4	90.8	91.0	91.0	91.2	91.2	90.0	90.2
≥ 500 ≥ 400	73.9	84.7	86.9	88.1 88.7	90.0	91.0	92.5	92.7	92.7	93.4	93.7	93 7	94.0		92,8	93.0
≥ 300 ≥ 200	73.9 73.9	84.8	87.2	89.5		92.1	93.9	94.3	94.4	95.4	96.0	96 0	96.6	96.7	95,4 96.9	
≥ 100 ≥ 0	73.9					92.2 92.2	94.0 94.0						97.0			98.0 100.0

CEILING VERSUS VISIBILITY

VANCE AFB OKLAHOMA/ENID 42-46,49-75

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING						 	VIS	IBILITY (ST)	ATUTE MILI	ES:						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥21/7	≥2	≥1%	≥114	≥1	≥ '.	≥',	≥ 2	≥ 5 16	≥ '.	≥0
NO CEILI:40 ≥ 20000	46.9 53.1	50.3 57.3		52.4 59.6		52.9 60.2	53,0		53.3		53.3 60.8	53.3 60.8	53.4	53.4	53,5 61.0	4 1
≥ 18000 ≥ 16000	53,3 53.4	57.5 57.6	58,7 58,9	59.8 60.0	60.5	60.5 60.6	60,7	61.0	61.0	61.0	61.0 61.2	61.0	61.2	61.2	61.3	61.5
≥ 14000 ≥ 12000	54.1 55.5	58.6	59.8	60,9	62.9	61.6	61,8	62.1	62.1	62.1	62,1	62.1	62.3	62,3	64.0	64.2
≥ 10000	57.0 57.6	62.3	63.7	64.9	65.4	64.8	65.8	65.4	65,4	65.4	66.2	66.2	65.7	65.7	65,7 66,5	66.7
≥ 8000 ≥ 7000	58.4 59.5	64.5	65.9	67.1	67.7	66,5	66,8	68.5	67.1 68.5	68.5	68.6	67.1	68.7	67.3	67,4 68.8	69.1
≥ 6000 ≥ 5000	50.8	65.3		67.9 69.1	69.7	69,8	69.0 70.2		70.5	70.5	70.5	70.5	70.7	70.7	70.8	71.1
≥ 4500 ≥ 4000	61.4 62.4 63.1	67.0	69.6	69.8	71.7	70.6	70.9		72.5		71.3	71.3	72.7	71.9	72.9	71.8
≥ 3500	63.5			71.9	73.6	72.8	73.1	73.4	73,4	74.6	74.6		73.7	73.7	73,8	75.2
≥ 2500 ≥ 2000 ≥ 1800	64.3 65.9	70.6 72.6 73.3	74.3	73.9 76.1 76.9	74.8	74,9 77,4 78,1	75,4 77.9 78.6	75.7 78.2 78.9	75.7 78.2 79.0	78.3	78.3	75.8 78.3	78.5	78.5	76,1 78.6	76.4
≥ 1800 ≥ 1500 ≥ 1200	67.5	74.8	76.7	78.7	79.9	80.2	80.7	81.0	81.1	81.1	79,0 81,1 83,7	79.0 81.1	81,3	79.2 81.3	81.4	81.7
≥ 1000 ≥ 900	68.8	78.4	80.7	53.1	84.6	84,9	85.6			86.2	86.3	86.3 86.8	86.6	86,6	86,8	87.1
≥ 800	69.0		,	83.8		86.0	86.8	87.3	87,3	87.5	87.6		87.9	87.9	88	88.5
≥ 600 ≥ 500	69.1	79.6	82.2	85.2	87.2	87.6 88.5	88,9	89.4	89.5	89.8	90.0	90.0	90.3	90.3	90.5	90.8
≥ 400	69.3	80.2 80.3	83.2	86.7	89.2	89.7 90.2	91,3		92.1	92:7		93.0		93.4	93,6 95,2	94.0
≥ 200	69.4	80.4		87.0	89.9	90.5	93.0	94.1	94.4	95,4	96.0	96.0	96.8	96.9	97,3	97.7
2 0	69.4			7 . 7 -	89.9		93.0		94.4			96.3		97.6		100.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

13909 VANCE AFE OKLAHOMA/ENID

42-46,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY 'ST	ATUTE MIL	.ES.						
FEET	≥10	≥6	≥5	≥4	≥3	≥2'2	≥2	≥1 >	≥1.	≥1	≥ 1,4	≥'5	≥ 2	≥5 16	≥ .	≥c
NO CEILING ≥ 20000	47.7 55.3	49.7 58.0		50.7 59.4			51.3 60.1				51.4			,		
≥ 18000 ≥ 16000	55.7 55.9	58.4 58.6	59.1 59.3	59,8 60.0		60.5	60,4	60.5	60.5	60.5	60.6	60.6	60.6		60.6	
≥ 14000 ≥ 12000	56.8 58.2	59.6 61.0	60,6 62,0	61.3	61.5 63.0	61.7	62,9	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1
≥ 10000 ≥ 9000	59.2 59.8	62.7	63.1	63.8	64.7	64.3	64,5	64.6	64.6		64.6	.64.6	64.6	64.6	64.7	64.7
≥ 8000 ≥ 7000	61.4	63.8	64.9	65.8	66.1 67.3	66.3	66,6	66.7	66.7	66.7	66,7		66.7	66.7	66.8	66.8
≥ 6000 ≥ 5000	61.8	65.6	68.0	67.8	68.2	69.7	70.0	70.0	1	68.8			68,8	68,8	68,9	68.9
≥ 4500 ≥ 4000	63.2	67.3	69.3	70.4	70.0 70.9		70,5	70.6	70.6		70.7		70.7	70.7	70.7	70.7 71.6
≥ 3500 ≥ 3000	64.9	69.0	70.9	72.0	71.9	72.1	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.6
≥ 7500 ≥ 2000	68.1	70.8	72,2	73.4	73.9	74.0	74.4	74.5 78.1	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7
≥ 1800 ≥ 1500	70.0	74.4	75.9 78.1	77.4	78.0 80.4	78.3 80.7	78,8 81,2	78.9 81.4	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1 81.7
≥ 1200	71.0	78.1	80.2	82.3	83.0 85.4	83.3 85.8	83.9	84.1	84.1	86.7	84.3	84.3	84.3	84.3	34.4	84.4
≥ 900 ≥ 800		80.5 81.1	82.9	85.2	86.4	86.8		87.6	89.0	87.8 89.3	88.1	88.1	88.2	89.7	88.2	88.3
≥ 700 ≥ 600	72.5	81.4	84.1	86.9	88.5	89.9	90.9	91.2	91.2	90.5	90.8	90.8	90.9	90.9	91.0	91.0
≥ 500 ≥ 400	72.6	82.7	85.5 86.0	89.7	90.9	91.5 92.8	94.1	94-6		93.7		94.0	94.1	94.1	94.2	94.2
≥ 300		82.8	86.1		92.9 93.0	93.7	95.2	96.0	96.3	9727	97.5 98.4	97,7	97.8	97.8		98.0
≥ 100 ≥ 0		82.8 82.8	86.1			93.7			96.4 96.4	9777	98.4	98.4	98.7	98.5		99.4

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46-49-75

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY IST	ATUTE MIL	ES:					·	
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥2'2	≥ 2	≥1'5	≥114	≥ı	≥ ′₄	≥ '•	≥ '5	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	46.6 56.1	48.5 58.5	49.5 59.7				50,1	50.1		50.1		50.2	50.2			50.2
≥ 18000 ≥ 16000	56.6 56.8	59.0 59.2	60.2		61.1	61.1	61.3	61.3		61,3	61.3		61.3	61.3	61.3	61.4
≥ 14000 ≥ 12000	57.7 59.4	60.2	61.5		64.4	62.4	62,6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7
≥ 10000 ≥ 9000	60.8	63.5	64.9	65.6	66.0	66.0 66.4	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	64.7	66.4
≥ 8000 ≥ 7000	62.9	66.1	66.5	67.3	67.6	67.6	67,9	67.9	66.6		68.0		66.7	68.0	68.0	66.8
≥ 6000 ≥ 5000	63.9	66.3	67.8	68.6	69.0	69.0	69,0	69.2	69.2	69.3	69.3	69.2	69.3	69.3	69.3	69.4
≥ 4500 ≥ 4000	64.3	68.0	69.6	70.5	71.0	70.6 71.0 72.3	71,2	71.2	70.8	71.3	70.9	70.9	70.9	70.9	70.9	71.4
2 3500 ≥ 3000	66.1	70.2	72.0 73.5	73.0	73.4	73.4	72.6 73.7 75.3	73.7	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
≥ 2500 ≥ 2000	69.3	74.0	75.9	77.0	77.5	77.5 81.6	77.8 82.0	75.3 77.9 82.0	75.3	78.0		78.0	78.1	75.4	75.4	75.5 78.1
≥ 1800 ≥ 1500	72.5	78.9	81.0	82.3	82.9	83.0 85.7	83,3	R3.4	83.4	83.6	82.3	82.3	83.7	82.3	82.3	82.4
≥ 1200 ≥ 1000	74.4	82.7	85.2 87.0	86.7	87.3	87.4	87,8	86.1	87.9	88.1	I	86.5	85.4	86.6	88,4	86.6
2 900 ≥ 800	75.4 76.6	84.9 85.8	87.6	89.5	90.4	90.4	90.1		91,2	90.6	91.6	91.7	91.7	90.9	90,9	91.0 91.8
2 700 ≥ 600		86.3 86.7	39.1 89.6	91.4	92.3 93.2	92.4	93.2	93.4	93.5	92.8	93.9	93.9	94.0	93.1	94,0	93.2
≥ 500 ≥ 400	76.2	87.0 87.1	90.1	93.1	94.4	94.6		94,4	94.5	94.9	96.6	96.7	95.2	97.0	95.2	95.3 97.1
≥ 300 ≥ 200	76.3	87.1 87.1	90.4	93.5	95.1	95.4	96.6	97.3		98.0	98,5	98.6	98.9	'		98.1 99.1
≥ 100 ≤	76,3	87.1	90.4	93.5	95.1	95.5	96.7	97.6	97.8	98.3	98.7	98.9	99.2		99.3 99.4 99.51	

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

42-46,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MILI	ES.						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2'2	≥ 2	≥:'2	≥1.	≥1	≥,⁴	≥`,	≥ 2	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	48.5 58.6	50.9 61.8	51.8 62.9	52.3	52.4 64.0	52.5 64.1	52.7 64.4	52.8 64.5	52,8 64,5	52,8 64.6	52.8 64.6	52.8 64.6	52.8 64.6	52.8 64.6	52,8 64.6	
≥ 18000 ≥ 16000	58.8 59.1	62.3	63.6	64.0	64.6	64.4	64,7	64.8	64.8	64.9	64,9 65.2	64.9	64.9	64.9	64.9 65.2	65.3
≥ 14000 ≥ 12000	60.2	63.5	66.3	67.0	65.7	65.8	67.7	66.2	66.2	66.3 67.9	66.3	67.9	66.3	66.3	66.3	66.4
≥ 10000 ≥ 9000	63.2 63.3	66.9		68.8	69.4	69.3	69,6	70.0	70.0	70.1	69.8 70.1	70.1	70.1	70,1	70.1	69.9 70.1
≥ 8000 ≥ 7000	65.0	69.0	70.4	70.3	70.6	70.7	71.0	72.1	72.1	71.3	72.2	71.3	72.2	72.2	72.2	72.3
≥ 6000 ≥ 5000	66.8	69.8	72.9	73.8	72.4	74.3	74.6	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.3	74.9
≥ 4500 ≥ 4000 ≥ 3500	68.6	72.1 73.5 74.8	75.1	76.0	75.0 76.4 77.8	76.5	76.9	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3000 ≥ 3000 ≥ 2500	69.5 70.9 72.4	76.7 78.5	78.3	79.4	79.8	79.9	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 2000	74.1	80.9		84.1	84.6	84.7	85.1	85.3	85.3	85,6 86,7	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1500	75.4	83.3	85.3 87.0	86.8	87.3	57.5 89.7	87.9 90.1	88.1	88.2	88.5 90.7	88.5	88.5	88.5	90.7	88.5	90.8
≥ 1000	76.7 77.1	85.9	88.8	89.9	90.7	90.9	92,4	91.7	92.7	92.1 93.1	92.1	92.1	92.1	92.1	92.1	92.2
≥ 800	77.3	87.0 87.3	89.5	91.6	92.4	92.7	93.8	93.5	93.6	94.0	94.7	94.7	94.0	94.0	94.7	94.7
≥ 600	77.5	87.4 87.7	90.1	93.0	93.5	93.8	94,4	94.7	94.8	95.2	95.2	95.3	95.3	95.3	95.3	95.4
≥ 40.	77.6	87.8	90.9	93.3	94.7	94.9	96.4	96.4	96.6	97.2 98.3	97.3	97.5	97.5	97.7 98.8	97.7	97.8
≥ 100	77.6 77.6	. 7	91.0		94.7	95.1	96,5		97.7	98.6	98.7 98.8	99.0	99.1	99.4	99,3	
≥ 0	77.6	87.3	91.0	93.6	94.7	95.1	96.5	97.3	9767	98.7	98.8	99.1	99.2	99.4	99.6	100.0

CEILING VERSUS VISIBILITY

VANCE AFB OKLAHOMA/ENID 42-46,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							v:s	BILITY ST	ATUTE MILE	ES .						
fEET	≥ 10	≥6	≥ 5	≥ 4	≥3	≥2',	≥ 2	≥1,5	2114	≥1	≥ 14	≥',	≥ '5	≥ 5 16	≥ .	≥0
NO CEILIN ≥ 20000	63.4	58.0 68.1					59,3 69.8		59.4	59.4 70.0	59,4 70.0	59.4 70.0	59.5 70.0	59.5 70.0	59.5 70.1	59.6 70.1
≥ 18007 ≥ 16000		5.6 68.6		69.8	70.1 70.2	70.1 70.2	70.3	70.3 70.4	70.3 70.4	70.5	70,4 70.5	70.5	70.5	70.5 70.6	70.5 70.6	70.6
≥ 14000 ≥ 12000	65.8	69.2 71.2	70,2	70.6	70.9 72.69	70.9	71.1 73.1	71.1	71.1 73.1	71.2	71.2	71.2	71.3	71.3	71,3 73.3	71.4
≥ 9000	67.0	72.6	73.6	73.9	74.2	74.4	74.4	74.5 74.6	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.8
≥ 8000 ≥ 7000	68.7	74.1	75,1 75,9	75.5	75.8	75.9 76.8	76.0	76.1 77.0	77.0	76.2 77.0	77.1	76.2	76.2	76.2 77.1	76.3	76.3
≥ 6000 ≥ 5000	70.3	75.6 76.8	76,7	77.2	77.5	77.6 78.7	77,7 78.9	77.8 79.0	77.8	77.9	77.9 79.1	77.9	77.9	77.9	78.0 79.2	78.0 79.2
≥ 4500 ≥ 4000	71.5	77.4	78.5 79.4	80.0	80.3	79.4	79.6 80.5	79.6	79 • 6 80 • 6	79.7 80.7	79.8	79.8 80.7	79.8 80.7	79.8 80.7	79.8 80,8	79.9 80.8
≥ 3500	73.3	79.3 80.6	81.9			81.8	81,9	82.0 83.4	83.4	82.1	82.1	82.1	83.5	8272	83.6	92.3 83.6
≥ 2500	75.5	81.5	85.9	86.8	84.7	84.7	84,9		85.1	85,2 87,9	85.2 88.0	85.2 88.0	85.3	85.3	85.3	85.4
≥ 1500	76.6	85.1 86.0 87.2		88.6	39.4	88,3 89,4	88,5		88.7	88.8	90.0	90.0	90.0	90.0	90.1	90.1
≥ 1000	77.3	\$7.9 88.0	89.1 90.0 90.3	90.4 91.4 91.9	92.3	92.4	91,4 92.6 93,1		92.9	91.7 93.0	91.9 93.1 93.7	91.9 93.1	93.2	91,9	91.9 93.2 93.8	92.0 93.3
≥ 900 ≥ 800 ≥ 700	77.5	35.3 88.4	90.7	92.3	93.3	93.4	93,6	93.4 94.0	94.0	9461	94.3	94.3	94.3	94.3	94.4	94.4
≥ 600	77.6	88.5	91.0	1 7 7 1	93.8	94.0	94.3		94.7	94.9	95.0 96.0	95.0	95.0	95.0	95.1	95.2
≥ 400	77,7	89.0	91.8	93.8	95.1	95.3	95,8		96.4	96,7 97.8	96.9	96.9	96,9	96.9	97,1 98.4	97 ₄ 2
≥ 200	77.7	89.1	91.9	94.1	95.6	95.8	96.5	97.4	97.5	98.0 98.2	98.7	98.6	98.9	98.9	99.1	99.2
≥ 0		89.1	91.9	94.1	95.6	95.8		' -	97.5	98.2	98.7	98.8	99.1	99.2		10020

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	IBILITY STA	ATUTE MILL	5						
FEET	≥10	≥ه	≥5	≥ 4	≥3	≥2 2	≥ 2	≥1 7	≥1.	≥1	≥ ^4	≥'₃	≥ :	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	59.4 65.8				71.2	64.1 71.2	71,3		71.4	64.3	71.7	71.7	71.8		71.8	
00081 ≤	66.1	70.1	70.6	71.1	71.4	71.4 71.4	71,5 71,5	71.5	71.7	71.7	72.0	72.0	72.1	72.1	72.1 72.1	
≥ 14000 ≥ 12000	67.5	70.9		72.9	72.2	72.2	72.3	72.3 73.4	72.5	72.5	72.8 73.9	72.8	72.8	72.8	72.8	74.1
≥ 0000 ≥ 9000	68.3	73.5	74.2	74.7	74.8	74.8	74,9 75,2	75.2	75.4	75.2 75.4	75.4 75.7	75.4	75.7	75.7	75.7	75.8
≥ 8000 ≥ 7000	69.5	74.8	76.2	75.9	76.3	76.3 77.1	76.4 77.2	76.4	76.6	76.6 77.4	77.7	76.9	76.9	76.9	76.9 77,7 78.3	77.1 77.8 78.4
≥ 6000 ≥ 5000	70.4		78.4	77.3	79.5	77.6	77,7			77.9	80.1	78.2 80.1	78.3 80.2	78,3	80,2	80.3
≥ 4500 ≥ 4000	71.7				80.7	80.8	80.9	81.1	81.2	80,4	81,5		80.7 81.6	80.7 81.6 82.3	80.7 81.6	80.8 81.7 82.4
≥ 3500	72.5	80.1	79.9 81.2		82.6	81.5	82.9	83.1	83.Z	81.9 83.3 84.8	82,2 83.5 85.1	J 1	83.6	85.2	83.6	
≥ 2500 ≥ 2000	74.2	83.C	82.7 84.2 85.2	83.4 84.9 85.9	84.2 85.8 86.8	84.3 85.9 86.9	84,5	86.2 87.3	84.8 86.5 87.5	86.5		86.8	86.8	86.8	85,8	86.9
≥ 1800 ≥ 1500 ≥ 1200	75,8 76,4 77,0	84.7	85.9	86.7	87.6	87.7	87.9 87.9	88.1	88.3	88.3	88.6	88.6	88.6	88.6	90.5	88.8
≥ 1000	77.4	87.1 87.5	88.9	89.9	91.2	91.8	91.5		91.9	91.9	92.2	92.2	1 1	92.3	92.3	92.4
≥ 900 ≥ 800 ≥ 700	77.8	87.8	89.7	1	9242	92.4	92.7	92,9	93.1	93.3		93.6	7 - 7 -		93.6	93.8
≥ 600	77.9	88.5	90.5	92.0	93.3	93.5	93,8	94.1	94.3	94.5	94.8		94.8	94.8	94.8	95.0
≥ 400 ≥ 300	78.1	89.0	91.2	92.7	94.2	9464	94.9	95.5	95.6	96.0	96.3	96.3	96.4	96.4	96.4	96.5
≥ 200	78.1 78.1	89.5	91.7	93.3	94.9		96,2	96.7	\$7.0	97.6	97.9	97.9	98.1	98.1	98.2	98.4 98.8
≥ 0	78.1	89.5				95.3							98.6			100.0

TOTAL NUMBER OF OBSERVATIONS

1900

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

42-46,49-61,69,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING					·		VIS	IBILITY (ST.	ATUTE MIL	ES)						
IFEET	≥10	≥6	≥5	≥ 4	≥3	≥2'7	≥ 2	≥11/2	≥11/4	≥1	≥ 34	≥ ⅓	≥ %	≥5 16	≥ '•	≥0
NO CEILING ≥ 20000	55.0 62.0					59.5 67.5				60.0			60.0	1	60.0	60.U
≥ 18000 ≥ 16000	62.4	67.2 67.5		67.4 67.7	67.6	67.6		68.1	67.8 68.1	68.0 68.3		68.0	68.0 68.3	68.0	68.0	68.3
≥ 14000 ≥ 12000	63.2	68.4	70.2	68.7 70.2	70.4	68.9 70.4	69,1 70,7		70.7	70.9	70.9	70.9	70.9	70.9	69.3 70.9	69.3 70.9
≥ 10000	65.8	71.7	72,0 73.1	72.1	72.3	72.3	72,5	73.6	72.5	72.7	73.8	72.7	72.7 73.8	72.7	72.7	72.7
≥ 8000 ≥ 7000	67.8 69.1	74.1	76.1	76.2	76.3	76.3	74.9	76.6	76.6	77.0		77.0	77.0 77.0	77.0	77.0	75.1 77.0 78.3
≥ 6000 ≥ 5000	70.2 71.2 71.8	78.7	79.0 79.7	79.1	77.6 79.2 80.0	77,6 79.2 80.0	77,9 79,5	79.5	77.9	78.3 79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000 ≥ 3500	73.3	81.2	81.6	,	81.8	81.8	82.1 83.6	82.1	82.1	82.4 83.9	82.4	82.4	82.4	82.4	82,4	82.4
≥ 3000 ≥ 2590	75.2 75.9	83.9	84.5	7 7 7 7	85.1	85.1	85,4	85.4		85.7 87.2	85.7	85.7	85.7 87.2	85.7	85.7	85.7
≥ 2000	76.6	86.5		87.9	88.2	88.2	88.7	88.7	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 1500	77.9	88.6	89.6	90.1	90.7	90.7		91.1	91.1	91.5	91.5		91.6		91,6	91.6
≥ 1000	79.5	91.7		93.5	94.0		94,5	94.8	94.5			94.8	94.9	94,9	94.9	94.9
≥ 800	79.7	91.9	93.7			95.1	95,6				95.9		96.0	96.0	95.5	96.0
≥ 600	80.0	93.0		95.4		96.2	96.8	96.9	96,9		97.2	97.2		1 4 4 7 7 7	96,7	96.7
≥ 400 ≥ 300 ≥ 200	80.0	93.2		95.9	96.9	97.0			97,8		98,3	98.3	98.4	98.4	98,4	98.4
≥ 100 ≥ 0	80.2 80.2 80.2	93.5	95.0	96.2	97.4	97.5		98.6		99:2	99.0 99.3 99.3	99.3	99.6	5.7	99.7	99.1 99.8 100.0

TOTAL NUMBER OF OBSERVATIONS...

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA ENID

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
+EET	≥10	≥6	≥5	≥ 4	≥3	≥212	≥ 2	≥1′2	≥114	≥1	≥ 34	≥ 5,8	≥ ⅓	≥ 5/16	≥ '	≥0
NO CEILING ≥ 20000	52.7 59.5	57.3 64.5	1	58.1	58.3	58.3 65.7	58,5	58,5 65,9	58.5 65.9	58.7 66.1	58.7 66.1	.58 • 7 66 • 1	58.8	1 7 7 7 7		59.2
≥ 18000 ≥ 6000	59.6	64.6	65,Q 65.1	65.5	65.7	65.7	65,9	65.9	65.9	66.1	66.3	66.2	66.2	66.3	66,3	66.7
≥ 14000 ≥ 12000	60.4	65.5	65.9	66.5 67.3	66.7	66.7	66,9	66.9	66.9	67.1	67.2 68.1	67.2	67.2	67.3	67.3	67.6
≥ 10000 ≥ 9000	63.2	68.5 69.3	69.0 69.7	69.5	69.9	69.9	70.1	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70,5	70.8
≥ 8000 ≥ 7000	65.3 67.1	70.8 72.8	71.2	71.8 73.8	72.2	72.2	72,4	72.4	72-4	72.6	72,7	72.7	72.7	72.7	72.8	73.1
≥ 6000 ≥ 5000	68.0 69.0	74.1 75.1	74.5	75.2	75.5	75.5	75,8	75.8	75.8	76.0	76.0	76.0	76.1	76.1	76.2	75.1
≥ 4500 ≥ 4000	69.5 71.0	75.7	76.2 78.0	77.0	77.3	77.3	77.6	77.6	77.6	7.8	77.9	777.9	77.9	78.0	78.0	78.3
≥ 3500 ≥ 3000	71.6 72.3	78.2 79.3	79.0	80.0 81.4	80.3	80.3 81.8	82.2	80.7 82.3	80.7 82.3	80.9	81.0 82.6	81.0	81.0	81.1 82.7	81.1	81.5
≥ 2500 ≥ 2000	72.9	80.3	81.4	82.5	82,9	82.9	83,4	83.4	83.5	83.7	83,7 85.8	83.7	83.8	83,8	82.8 83.9 85.9	84.2
≥ 1800 ≥ 1500	74.7	83.0 84.5	84,2	87.0	85.8	85.8	86.2	86.3 87.9	86,3	86.6	86,6	86.6	86,7	86.7	86,8	86.3 87.1 88.8
≥ 1200 ≥ 1000	78.1 78.8	87.2 88.3	88.5	80,9	90.4	90.4	90,8	90.9	90.9	91.1	91.2	91.2	71,3	91,3	91,4	91.7
≥ 900 ≥ 800	79.1	88.9 89.4	90.4	91.8	92.3	92.3	92,8	92.9	92.9	93.2		93.3	93.4	93,4	92,5	93.8
≥ 700 ≥ 600	79.4	89.9 90.0	91.5	93.1	93.7	93.7	94,2	94.3	94,4	94.6	94.7	94.7	94.8	94.8		95.2
≥ 500 ≥ 400	79.5	90.4	92.1	93.7	94.6	94.7	95,3	95.4	95.5	96.0	96.1	96.1	96.2	96.2	96.3	95.8 96.6 97.2
≥ 300 ≥ 200		90.6	92.4 92.5	94.2	95.2	95.4	96.4	96.6	96.7	97.3	97.4	97.4	97.5	97.6	97.6	98.0
≥ 100 ≥ 0		90.6	92.5	94.2	95.5	95.7	95.7	97.2	97.3	98,1	98.2	98.2	93.6	98.6		99.3

CEILING VERSUS VISIBILITY

13909

VANCE AFB GKLAHOMA/ENID

42-46-49475

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET							VIS	BILITY (ST	ATUTE MIL	ES)						
176671	≥10	≥6	≥ 5	≥ 4	≥3	≥2'7	≥2	≥1%	≥114	≥1	≥ 34	≥≒	≥ '2	≥ 5 16	≥ '.	≥0
NO CEILING ≥ 20000	43.9 51.9	47.1 56.2		48.4	48.7	48.9		49.3	49.3 58.8		49.4	49.4		49.4		49.6
≥ 18000 ≥ 16000	52.2 52.4	56.5 56.8	57.5 57.8	58.0	58,4	58.6	58.9	59.0 59.3	59.1	58.8	58,9 59,1	58.9	59.1	59.1	58.9 59,1	59.1
≥ 14000 ≥ 12000	53.4 55.0	57.8	58,8	57.5	59.9	60.0		60.5	59.4 60.6	60.6	59.5	60.6	60,7	59.5	59.5	59.7
≥ 10000 ≥ 9000	57.3	62.6	63.8	64.6	65.0	65.1	65,5	65.6	65.7	63,2	65,7	63.2	65,8	65,8	65,8	66.1
≥ 8000 ≥ 7000	60.0	67.2	67.0	67.9	68,3	68.4	68.8	68.9	69.0	69.0	69.1	69.1	69.1	66.8	69.1	67.1
≥ 6000 ≥ 5000	62.4	68.6	69.9	70.8	71.2	71.4	70.3 71.7 73.5	71.8	71.9	70.5	70.5	72.0	70.6	70.6	70.6	70.5
≥ 4500 ≥ 4000	64.9	70.6	72.0	72.9	73.4	73.5	73.9	74.1	74=2	74.3	74,3	73.9	73.9	73.9	74.3	74.2
≥ 3500 ≥ 3900	65.5	72.8	74.2	75.2	75.6	75.9	76,3	75.3	76.6	76.6	76,7	75.5	75.6	75.6	75.6	75.9
≥ 2500 ≥ 2000	67.5	75.3	76,8	78.1	78.6	78.8 81.0	79.2	78.1	79.6	78.3	79.7	79.7	79.7	78.4	78.4	78.7
≥ 1800 ≥ 1500	69.5	78.2	80.0	81.4	82.0	82.2	82.8 85.4	81.7	83.1	81.9	83.2	83.2	82.0	83.3	82,0	82.3
≥ 1200 ≥ 1000	73.0	83.0	85.1	86.6	87.4	87.6 89.2	88,3	88.5	85,8	85.9	88.8	88,8	88.9	88.9	86.0	89.1
≥ 900 ≥ 800	73.5	84.3	86,7	88.5	89.4 90.6	89.6		90.7	90.9	90.5	90,5	91.0	90.6	90,6	91,1	90,9
≥ 700 ≥ 600	- 7 TI	85.5 85.9	88.1	90.4	91.4	91.6	92,6	92.8	92.1	92.3		93.2	93.3	92.3	93.3	92.6
≥ 500 ≥ 400	74.5	86.4	89,4	91.8	93.2	93.5	94,7		95,3		95.6	95.6	95.7	94.3	94.3	9 2.6
≥ 300	74.6	86.7	90.0	92.9	94.5		96,4	95.9 95.7 96.9	96.9	97,4	'	97.6	97,7	97,7	97,7	97.1 98.0
≥ 100 ≥ 0			90,0	92.9	94.6	95.0	96,6	97.1	97.3	98,0	98.2	98.2	98.7 98.7 98.7	98,7		98.6

CEILING VERSUS VISIBILITY

1

13909 VANCE AFB DKLAHDMA/ENID

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING					,, <u>, .</u>		VIS	BILITY (ST	ATUTE MIL	ES:			····			
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2½	≥ 2	≥1'5	≥11/4	≥1	≥ 3,4	≥%	≥ 1/2	≥5/16	≥'₄	≥0
NO CEILING ≥ 20000	45.8	47.7 57.9	47.9 58.2	48.1			48,4		48,5	48,5 59.1	48,5	48.5	48.5	48.5	48,5	48.5 59.1
≥ 18000 ≥ 16000	55.3 55.7	58.1 58.5	58.4 58.8	58.7 59.1	59.0 59.4		59.2	59.2	59.2	59,3 59,7	59.3 59.7	59.7	59.3	59.3	59.3 59.7	59.7
≥ 14000 ≥ 12000	56.5 58.9	59.6	59.9 62.6	60.2	60.6		60.7	60.7	60.7	60,8	60.8	60.8	60.8	60.8	60,8	60.8
≥ 10000 ≥ 9000	60.6	64.1	64.5	64,8	65.1	65.2	65.3	65.4	65,4	65,4	65,5	65.5	65,5	65.5	65,5	65.5
≥ 8000 ≥ 7000	62.9	66.8		67.6		68.0	68.1 69.2	68.2	68.2	68,2	68.3	68.3	68.3	68.3	68.3	68.3 69.3
≥ 6000 ≥ 5000	34.5	68.8	69.4	69.7	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.4	7C+4	70,4	70.4
≥ 4500 ≥ 4000	66.0	70.6	71.2	71.7	72.2	72.3	72.5	72.5	72.5	72,6	72.7	72.7	72.7	72,7	72,7	72.7
≥ 3500 ≥ 3000	67.7	72.5	73.2	73.7	74.2	74.2	74,4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2500 ≥ 2000	70.1	75.9	76.6	77.2	77.7	77.7	77,9	78.0	78.0	78.1 81.0	78.1 81.1	78.1	78 ¿2 81 . 1	78.2	78,2 81.1	78.2
≥ 1800 ≥ 1500	73.1 74.7	79.6	80.4 82.9	81.1	81.7	81.7	81,9	81.9	82.0	82.1 84.9	82.1	82.1	82.2	82,2 85.0	82.2 85.0	82.2 85.0
≥ 1200 ≥ 1000	76.0	84.4	85.6	86.7	87.4	87.4	90.0	87.8 90.2	87.8 90.3	87.9	88,0	88.0	88.0	88.0	88.0	88.0
≥ 900 ≥ 800	77.3	87.0 87.8	88,5	89.9	91.0	9111	91.4	91.6	91.7	91,8		91.9	91.9	91.9	91.9	91.9
≥ /00 ≥ 600	78.1 78.4	88.5 88.9	90.1	91.9	93.2	9343	93,8	94.8	94.9	94,1 95,0	94.2	95.2	94.3	94.3	94.3	94.3
≥ 500 ≥ 400	78.6 78.6	89.4 89.7	91.2	93.3	94.7	94.9	95,9	96.3	96.5	96.7 98.0		96.8	96.9	96.9	96.9	96.9
≥ 300 ≥ 200	78.6	89.8 89.8	91.6	94.0 94.2	95.5 95.8	95.8	97.1	97.7	98.1 98.5	98.6 99.1		98.8	98.8	98.8	98.8 99.6	98.8
≥ 00 ≥ 0	78.6 78.6	89.8 89.8	9167	94.2	95.8	96.1	97.4	98.1 98.1	98.5	99.2	79.4 99.4	99.4	99.6	99.6	99.8	99.8

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46,49-75

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	IBILITY (ST	ATUTE MIL	ESI						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1/2	≥1%	≥ı	≥ ¾	≥ ¾	≥%	≥ 5 · 16	7.	≥0
NO CEILING ≥ 20000	46.5 56.5	49.1 58.6	48.5		49.0 60.0			7 7 7 7 7	49.2	49.2		49.2	49.3	49.3	49.3 60.3	
≥ 18000 ≥ 16000	56.8 57.2	58.9 59.4	59.6 60.1	59.8 60.3	60.3	60.3	60.4 60.9	60.4 60.9	60.4	60.5	60.6 61.1	60.6	60.7	60.7	60.7	60.7 61.2
≥ 14000 ≥ 12000	57.8 59.2	60.1	60.8 62.9	61.2	63.7	63.7	61,8	61.8	61.8	61.9	62.0 64.0	62.0	64.1	62.1	62,1	62.1
≥ 10000 ≥ 9000	61.9	64.4	65,2 65,8	65.6	66.7	66.0	66.1	66.1	66.8	66.3	66,4 67.0	66.4	67.1	67.1	66.5	67.1
≥ 8000 ≥ 7000	63.0	66.4	67,1 67,9	67.5 68.3	68.0 68.8	68.8	68,1	68.9	68.2	68.2 69.0	68,3	68.3	68.5	68.5	68.5	68.5 69.2
≥ 6000 ≥ 5000	65.3	68.0	68,9 70,0	70.4	71.0	69.7 71.0	69.9 71.1	69.9	69.9 71.2	70.0	70.1	70.1	70.2	70.2	70.2	70.2 71.3
≥ 4500 ≥ 4000	67.8	70.1	71,1	71.6	72.1	72.1	72,3	72.3	72.4	72.4	72.5	772.5	72.6	72.6	72,6	72.6
≥ 3500 ≥ 3000	69.5	73.5	74,5	75.0	75.6	75.7	75,8	75.8 78.9	75,9	76,0	76,1	76.1	76.2	76.2	76.2	76.2 79.2
≥ 2500 ≥ 2000	74.6 77.5	79.7 83.2	80,8	81.6 85.1	82.3	82.4	82,5	82.6 86.1	82 0 6 86 4 2	82,7	82,8 86,4	82.8	86.5	86.5	82,9	82.9 86.5
≥ 1800 i ≥ 1500	78.0	84.0	85.1 87.9	86.0	86.8	86.8	90.0	90.1	87.1 90.1	87,2 90,2	87,3 90,3	87.3 90.3	90.4	90.4	90.4	87.4 90.4
≥ 1200 ≥ 1000	80.7	88.3	89,9 91,1	90.8	91.7 93.1	91.8	92,0	92.0	92.1 93.6	92,1	92.2 93.7	19242 193.7	92.4	92,4	92,4 93,8	92.4 93.8
≥ 900 ≥ 800	81.6	89.9 90.5	92,2	92.8	93.7	93.8	94.1 95.1	94.1	94.2	94,2	94,3	194.3 195.4	95.6	95.6	95,6	94.4
≥ 700 ≥ 600	81.7	90.8	92.7	94.8	95.6	95.7	96,2	96.3	96.4	96.5	96.6	96.6	96.7	97.5	96,7	96.7 97.5
≥ 500 ≥ 400	81.8	91.2	93,2	95.2	96.5	96.6	97,4	9747	97.8	98.1	98.2	95,2	99.3	98.3	99,3	99.3
≥ 300 ≥ 200	81.8	91.4	93,6		97.3	97.5	98,3 98,4	98.9		99,4	99.6	199.6	99.8	99.7	99,7	99.7
≥ 100 ≥ C	81.8	91.4	93,6	1 4 4	97.3 97.3	1.5	- 5. 4	99.0	11.7	99.6	99.7	99.7	/99,49 /99,49	99.9		100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

2720

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (STA	ATUTE MIL	ESı						
FEET	≥10	≥6	≥5	≥4	≥3	≥272	≥2	≥1½	≥1%	≥1	≥ 34	≥3,	≥ %	≥ 5/16	≥ .	≥0
NO CEILING ≥ 20000	49.9 59.2	52.2 62.3	52.5 62.9	53.0 63.6	53.1 63.7	53.2 63.8	53,4	53.4 64.0	53,4 64.0	53.4 64.0	53.4 64.0	53.4	53,5	53,5 64.2	53.5 64.2	53.5 64.2
≥ 18000 ≥ 16000	59.6 60.2	62.7	63.9	64.6	64.7	64.3 64.9	65.0	64.4	65.0	64.5	64.6	65.2	64.7	65.3	65,3	65.3
≥ 14000 ≥ 12000	50.9 62.3	64.2	64.9	67.4	67.6	6777	66.0 67.8	66.0 67.9	67.9	67.9	66.1	66.1	68.1	68.1	66,3	66.3
≥ 10000 ≥ 9000	64.2 65.0	68.1	68,7	70-4	70.6	70.7	70.9	70.9	70.9	70.1 71.0	70.1	70.1	70.3	70.3	70,3	70.3
≥ J00 ≥ 7000	65.9 67.0	70.1	70.8	71.6	71.9	72.0	72.1 73.3	72.2	72.2	72:2	72,3	72.3	72.4	72.4	72,4	72.4
≥ 6000 ≥ 5000	68.4 69.9	72.7	73.5	74.3	74.6	74.7	74,9	74.9	74.9	75.0 77.1	75,1 77,1	77:1	77.3	75.2	75.2	77.3
≥ 4500 ≥ 4000	70.7	75.7 77.4	76.5	77.4	77.7 79.5	77.8	78.0	78.0	78.0	78.1	78.1	78.1	80.1	78.3	78,3	78.3 80.1
≥ 3500 ≥ 3000	73.9	79.2 81.8	80.0	81.0	81.3	81.5	81,6 84,3	81.7 84.4	81,7	81 8 84 5	81,8	84.5	84.7	81.9	81.9	81.9
≥ 2500 ≥ 2000	78.1 80.0			86.3		86.8	86.9 90.0		90.2	90.3	87,2 90,4	90.4	90.5	90.5	87,3 90,5	87.3 90.5
≥ 1800 ≥ 1500	80.4 81.2	87.7 88.9	88.8 90.2	90.1	90.5		90,8	91.0	91.0 92.4	92.6	91.2	91.2	92.8	92.8	92.8	91.3
≥ 1200 ≥ 1000	82.0 82.5	90.6		93.0	94.6	94.7	93,9	94.0	94×0 95×2	94.2	94.3	95.4	93.6	95.6	95.6	95.6
≥ 900 ≥ 800	82.6	90.9	92.6	95.2	94.9		95,4 96,5	96.7	95.6	95.8	95.8	97.0	97.1	96.0	96,0	96.0
≥ 700 ≥ 600	82.8	91.9	94.0		96.8	96.6		97.9	97.4		97.6	98.3	98.4	98.4	97,8	97.8 98.4 99.0
≥ 500 ≥ 400	82.8	92.0	94.2	96.5		97.4	98.0 98.4	98.8	98.5	98,7	98.8	99.3	99.4	99.4	99,0	99.4
≥ 200	82.8	92.0		96.5	97.6	97.9		99.1	99.2	99.6	99,7	99.7	100.0	99.9 100.0	100.0	
≥ 100	82.8		1 1 7 7 7	96.6	1 44 71	98.0		99.2	99.3	99.7	99.8			100 • 0		

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46,49275

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							٧ıs	BILITY (ST	ATUTE MIL	ES,						
	≥10	≥6	≥5	≥ 4	≥3	≥21/2	≥ 2	≥1%	≥!'₄	≥1	≥ 14	≥ 3/8	≥ '2	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	54+3 64+0	57.6 68.7	58,2				58.5 59.9	58.5		58.6 70.1	58,7 70.1	58.7 70.1	58.7 70.2	58.7 70.2	ima	58.7
≥ 1800° ≥ 16000	64.0	68.8	69,7 70.0	70.1	70.1	70.1 70.4	70.2	70.2	70.2	70.4	70.4	70.4	70.5	70.5	70,5	70.5
≥ 14000 ≥ 12000	65.1	70.1	70,9	71.4	71.4	71.4	71.5	71.5	71.5	71,6	71.7	71.7	70.8	70.8	70.8	70.8
≥ 10000 ≥ 9000	68.0	73.5	74.4	74.9	74.9	74.9	74,9	74.9	75.0 75.8	75.1 76.0	75.2 76.0	75.2	75.2	75.2	75.2	73.0
≥ 8000 ≥ 7000	59.6 70.9	75.3 76.8	76.2	76.7	78.2	76,7 78,2	76,8 78.3	76,8	76,9	77,0 78.5	77.1 78.5	776.0 777.1 78.5	77.1	76.0	76.0	76.0
≥ 6000 ≥ 5000	72.0	78.2	79.1	79.6	79.6	79.7 81.4	79.8	79.8 81.5	79.8	80,0	80.0 81.7	80.0	80.0	80.0	80,0	80.0
≥ 4500 ≥ 4000	73.3	80.2	81,4	81.8	82.0	82.0 83.6		82.1 83.7	82.2	82.3	82.3 84.0	82.3	82,4	82.4	82,4	82.4
± 3500 ≥ 3000	75.6	83.0 85.1	84.2	84.8	84.1	85.0	85,1	85.1 87.3	85.1	85.2 87.4	85.3 87.5	85.3	85.3	85.3 87.5	85.3	85.3
≥ 2500 ≥ 2000	78,6 79.3	86.6	87,8	88.6	88.8	88.8	89,0	89.0	89.0	89.1 90.9	89.2	89.2	8942	89.2	87,5 89.2 91.0	89.2
≥ 1800 ≥ 1500	79-4	88.1	89,6	90.5	90.7	90.7	90,9	90.9	90,9	9111	91;2 93,4	91,2	91.2	91.2	91.2	91.2
≥ 1200 ≥ 1000	80.9	90.5	92.2	93.3	93.6	93.8	94.0	94.0	94.1 95.6	94.3	94.4	94.4	94.4	93.5	94.4	94.4
≥ 900 ≥ 800	81.2	91.7	93.6	94.9	95.4	95.5	95.8		95.9	96.2	96.3	96.3	96.3 97.3	96.3	96.1 96.3 97.3	96.1
≥ 700 ≥ 600	81,5	92.6	94.5	96.1	96.7	96.8	97,1	97.1	97.2	97.5		97.6	97.6	97.6	97,6	97.6
≥ 500 ≥ 400	81.5	93.0 93.1	95.0	96.6	97.3	97.5	97.5		98.2	98.5	98.6	98.6	78.6	98.6	98,6 98,6	98.6 99.3
≥ 300 ≥ 200	81.6	93.1 93.2	95.2	97.4	98.1	98.2 98.4	98,8	98.9	99.1	99.5		99.6	99.7	99.7	99.7	99.7
≥ 100 ≥ 0	81.6	93.2	95.3	97.4	98.2	98.4	98,9	99.1	99.3	9977		99.81	00-0	00.01	00.01	00.0

TOTAL NUMBER OF OBSERVATIONS....

.2275

CEILING VERSUS VISIBILITY

13909

4000

VANCE AFB OKLAHOMA/ENID

42-46,49475

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-230G

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES1						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2,3	≥ 2	≥1'∌	≥1,1	≥1	≥ 14	≥ર∗	≥ '2	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	58.0 63.4	61.9 69.0	62.0			62.1				62,3	62,3	62.3	62.3		62,3	
≥ 18000 ≥ 16000	63.4	69.2 69.4	69,4 69,6	69.6		69,6	69.7	69,8	69.8	69.8	69,8			69.8	69.8	69.8
≥ 12000	64.6	70.4	70.6 71.4	70.8 71.6	70.8	70.8	70.9		71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000 ≥ 9600	66.8 67.2	73.5 74.0	73,7 74.2	73.9	74.0	74.5	74.5	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
>, 1,000 > 8000	68.4	75.4	,	75.8	77.43	75.9	75.9 -77.4	76.0 77.5	76.0	76.1 77.5	76.1	76.1	76.1	76.1	76,1	76.1
≥ 6000 ≥ 5000	70.4	77.9	78.1 80.2	78.4	18.5	78.5	78,6	78.7 80.9	78.7	78.7 81.0	78.7	78.7 81.0	78.7	78.7	78.7	78.7
≥ 4500 ≥ 4000	71.9	80.4	82.4	82.9	83.1	81.3	81,4	81.5	83.4	81.7	81.7 83.5	81.7	81.7 83.5	81.7	81,7	81.7
≥ 3500 ≥ 3000 ≥ 2500	73.7 74.7 75.9	83.3			86.3	84,5							84.9 86.8	84.9	84,9	84.9
≥ 2000	77.1	86.8 88.4 88.7	87,7 89,5		90.3	90.3	90,5	90.6	88,8 90,6	90.8	90.8	90.8	90.8	88.9	90.8	88.9 90.8
≥ 1500	77.5	89.8	90,9	90.3	91.8	92.6	91,9	90.8	92.0	92.2	92.2	92.2	72.2	91.0	92.2	91.0
≥ 1000	78.	91.8 92.0	93.0	93.9	94.5	93.1 94.5 94.9	93,3 94,8 95,3	95.0	95.0		95.3	93.7	93.7	93.7	93,7	93.7
≥ 800	78.6	92.8	94.1	95.3	95.9	95.9	96,3	95.4 96.4 96.7	95.4 96.4	95.7	96.7	95.7	95,7	96.7	95,7	95.7
≥ 600	78.6	93.1	94,5		96.5	96.5	96,9		97.0	97,1 97,3	97.1 97.3 98.0	97.3	97.4	97.4	97,4	97.4
≥ 400 ≥ 300	78,6	93.4	94,8 95.0	96.1	97.2	97.2	97,6		98.0 98.6		98.6	98.6	98.6	98.6	98,1 98,6 99.3	98.6
≥ 100	78.6		95.0	96.4	97.6		98,5	98.8	98,8	99.4		99.4	99.7	99.5	99.8	99.8
≥ 0		93.4	55.0			97.6	98.5		98.8		99.6				99.9	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

42,44-46,49-63,65,67-75

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES:						
FEET	≥10	≥ 6	≥5	≥ 4	≥3	≥2'7	≥ 2	≥17⁄2	≥1'₄	≥1	≥ 34	≥'•	≥ 15	≥5 16	≥'4	≥0
NO CEILING ≥ 20000	53.3 60.5	57.1 64.9	57,4 65.4		استشما		58,0	58.0 65.9			58,1	58.1 66.1	58.1 66.1	58.1 66.1	58,1	58.1 66.1
≥ 18000 ≥ 16000	60.5	64.9 65.4	65.5 65.9	65.8	65.9	56.0 66.5			66.5	66,1	66.2	66.7	66.2	66.2 66.7	66,2 66,7	66.2
≥ 14000 ≥ 12000	62.5 64.1	67.1 69.1	67,7	70.0	68.2 70.1	68.2 70.2	70.2	70.2	68.2 70.2	68,3 70,3	68,4	70.4	38.4 70.4	70.4	68,4 70.5	68.4 70.5
≥ 10000 ≥ 9000	66.0	71.7	72.3	72.7	72.8	72.9 73.6	72,9	72.9	72.9	73.0 73.7	73.1	73.1	73.1	73.1 73.8	73.2 73.9	73.2 73.9
≥ 8000 ≥ 7000	67.7 69.6	73.8 75.9	74,4	74.8	75.0	75.0 77.2	75,0	75.0	75.0	75.2 77.3	75.3	77.4	75.3	75.3	75,3 77.5	75.3
≥ 6000 ≥ 5000	70.5 72.8	77.0 80.0	77.6 80.8	78.0 81.1	78.2 81.3	78.2 81.4	78.2 81.4	78.2 81.4	78,2	78,4		78,5	78.5 81.6	78.5	78,5 81.7	78.5
≥ 4500 ≥ 4000	73.2	80.7 82.8	81.6	81.9	84.3	82.2	82,2	82.2 84.4	84.4	82,3	82.4 84.6	82.4	82.4 84.6	84.6	82,5 84.7	82.3
≥ 3500 ≥ 3000	75.5 75.9	84.4	86.4	86.1 87.2	86.3 87.4	86.3 27.5	86,3 87,5	86.4	87.5	86.5	87.8	87.8	87.8	86.6	86.7 87.9	\$6.7 87.9
≥ 2500 ≥ 2000	76.4	86.3		88.2 89.9	90.1	88.5 70.1	88.5 90.2		90.3	90,5		88.9 90.7	88.9 90.7	90.7	89.0 90.8	90.8
≥ 1800	77,7 78,2 79.0	88.2	90.5	90.5		90.8 91.8	90,9	92.0	91.0 92.0	92,2	91,3	92.3	92.3	91.3	91,4	91.4
≥ 1200	79.4 79.5	90.1 91.1	91.5 92.5	93.6		92.8	92.9	94.0	92.9	9443	94.4	94.4	93.3	94,4	93.4	94.5
≥ 900 ≥ 800	79.7	91.9	93.3	93.7 94.6 95.1	94.0	94.0	95.2	94.2	95.3	95,5		94.6	95.7	95.7	94.7	95.8
≥ 7 % ≥ 600	79.9	92.5	94.1	95.5	95.5 95.8 96.9	95.5 95.9 95.9	95,7 96,1 97,1	95.8 96.1 97.2	95.8 96.1	96.0 96.4 97.4	96,1 96,5 97,5	96.1	96.1 96.6 97.6	96.1 96.6	96.3 96.7	96.3 96.7 97.7
≥ 500 ≥ 400 ≥ 300	80.2	93.4	95.1 95.6	96.6	11111	97.3 98.2	97.5	97.6	97.6 98.5		98.0		98.0	98.0	98.1	98,1
≥ 200	80.4	93.8	95.7	97.5	98.3	98.4	98,7	98.8	98.8	~ ^ 1	99.2	99.2	99.3	99,3	99,5	99.5
≥ 130 ≥ 0	80.4			1.2.7.1		98.4			98.9	1		1				00.0

CEILING VERSUS VISIBILITY

13909

VANCE AFS OKLAHOMA/ENID

42,44-46,49-75

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY 'SI	ATUTE MILI	E\$,	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>					
FEET	≥10	≥6	≥5	≥4	≥3	≥21/2	≥ 2	≥1 7	≥1'.	≥1	≥ 34	≥'•	≥ ?	≥5 16	٤.	≥0
NO CEILING ≥ 200°x0	48.3 56.0	52.5 61.4	52.9 61.8		53.9 62.9	53.9	54,1	54.2 63.2	54.2	54.3	54.4	34.4	54.4	54.4	54,5 63,5	54.7 63.7
≥ 18000 ≥ 16000	56.2 56.3	61.6	62.0 62.1	62.4	63.0	63.1	63,4	.4	63.5	63.5	63,5	63.7	63.6	63.6	63.7	64.1
≥ 14000 ≥ 12000	57.5 59.2	63.2 65.2	63.5	64.0	64.6	66.7	64.8	67.0	64.9	65;1	65.1 67.2	67.2	67.2	67.2	65.3	65.5 67.6
≥ 10000 ≥ 9000	61.8	68.4	68.8	69.3	69.9 70.7	70.0	70,2 71,0	70.3 71.1	70.3	70,4	70.4 71.3	70.4	70.5	70.5	70.6 71.4	70.8 71.7
≥ 8000 ≥ 7000	63.8 65.6	70.8	73,4	71.9	72.5	72.6	72.8	72.9 74.9	72.9	73.0	73.1	73.1 75.1	73.1	73.1 75.1	73.2 75.2	73.4
≥ 6000 ≥ 5000	66.3 68.5	73.8	74.4	75.0	75.6 78.5	75,7	75,9 78,8	76.0	76.0	76.1	76.1	76.1	76.2	76.2	76.3	76.5
≥ 4500 ≥ 4000	69.0 70.4	77.2	78.0	1 1 7 1	79.3 81.5	79,3 81,6	79,5	79.6 81.8	79.6	79.8 82.0	79.9 82.1	79.9 82.1	79.9	79.9	80,0	80.3 82.5
≥ 3500 ≥ 3000	71.4	80.5	82.6	82.5 83.6	83.2	84.5	83,5	83.6	83.6	83,8 85.0	83,8 85.0	83.8 85.0	83.9	83.9 85.1	84.0 85.2	84.2 85.4
≥ 2500 ≥ 2000	72.6	82.5	83,5 85,4	84.6	85.5	85.6 87.5	85,8	85.9 87.8	87.8	86.1	86,1 88.1	88.1	86.2	88.2	86.3	86.5
≤ 1800 ≥ 1500	74.2	84.8	87.1	87.1 88.3	89.2	88.0	88.2	89.6	58.4 59.6	88,6 89,9	88.7 89.9	89.9	90.0		88.8 90.1	89.0 90.3
≥ 1200 ≥ 1000	76.0 76.4	87.3 88.1	89.5	90.7	90.7	90.8	91.0	91.1	91.1	91,4 92,6	91,5	91.5	92.7	91.5	91,6	91.8
≥ 900 ≥ 800	76.4 76.7	88.3		90,9	91.9	91.9	92,3	92.5	92.5	92.8	92.8	92.8	92.9	92.9	93.0	93,2
≥ 700 ≥ 600	76.7 76.9	89.3	91.5	93.1	93.5	93.6	94,8	94.9	94.2	94,5	95.3	95.3	95.3	95.3	95.4	95.7
≥ 500 ≥ 400	77.0 77.2	90.6	92.6	94.4	95.1 95.8 96.3	95.2 95.9	95,7 96.7	95.8	96.9	96.1	96.2 97.3	95.2	97.4	96.2	96,3 97,5 98.1	96.6
≥ 300 ≥ 200 ≥ 100	77.3 77.3 77.3	90.9 91.0	93.0	95.1	96.6	96.4 96.7 96.8	97,2 97.6 97.7	97.4 97.9 98.0	97,4 97,9 98.0	97.9 98.4 98.5	98.5 98.6	98.5	98.0 98.6 98.8	98.6	98.7	99.0
≥ 100 ≥ 0	77.3	91.0		1	96.7	96.8	97.7	98.0	98.0	98.5	2 - 7 - 1	98.6	78.8	98.8		100.0

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42,44-46,49-75

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VIS	BILITY (STA	TUTE MIL	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 ;	≥2	≥1 2	≥1%	≥1	≥ 34	≥'•	≥ ⁄7	≥5 16	≥'4	≥0
NO CEILING ≥ 20000	42.8 51.6	46.4 56.4	46.8 57.0	47,3 57.7	47.6 58.0	47.6 58.0	58.2	58.3	47.9 58,3	48.0 58.5	48.1 58.5	48.1 58.5	48.2 58.7	48.3 58.7	48.3 58.8	48.4 58.9
≥ 18000 ≥ 16000	51.7 51.8	56.6 56.8		57.8 58.0	58.1 58.4	58 • 1 58 • 4	58.3 58.5	58.4 58.7	58.5 58.7	58.6 58.8	58.7 58.9	58.7 58.9	58.8 59.0	58.8 59.1	58,9 59,2	59.0 59.3
≥ 14000 ≥ 12000	53.0 54.4	58.0 59.8	58,6 60.5	59,3 61.2	59.6	59.6 61.5	59,8 61,7	59.9 61.8	59.9 61.8	7 - 7	60.1	62.0		62.2	62.3	62.4
≥ 10000	56.9	62.8 64.1	64,8	65.6	65.9	65.9	64,8	66.2	65.0	66.4	66.4	66.4	66.6	66.6	65,4	66.8
≥ 8000 ≥ 7000	59.6	68.4	69.3	70.2	70.6	70.6	70.7	70.9	70.9	68.7 71.0	71.1	71.1	69.0 71.3	71.3	71.4	71.5
≥ 6000 ≥ 5000	62.4	69.7	70.6	71.0	74.3	74.3	72,1	72.3	74.7	74.8	74.9	74.9	75.0	75.1	75.1	73.0
≥ 4500 ≥ 4000	65.6	72.7	73,7	76.3	76.9	76.9	75,3 77,1	75.6 77.2	77,3	77 4	77.5	77.5	77,6	77.7	77,8 78.5	76.1 77.9 78.7
≥ 3500	57.3 58.3	76.4	77.8	79.0	79.5	79.5	79.8	78.0 80.0 81.7	80.1 81.8	80.2	80.3	80.3	80.4	80.5	80.6	80.7
≥ 2500 ≥ 2000 ≥ 1800	69.5	79.5	81.1	82.3	82.9	82.9	83.2	83.4	83.5	83.6	83.7	83.7	83.9	83,9	84.6	84.1 84.7
≥ 1800 ≥ 1500	71.3	82.1	83.8	85.3	85.9	85.9	86.2	86.5	86.5	86.7	86.7	86.7	86.9	86.9	87.0	87.2
≥ 1000	73.2	85.1	87.0	88.6	89.3	89.4	89,7	90.0	90.7	90.2	90.3	90.3	90.5	90.5	90.6	
≥ 800	73.7	86.2	88.6	90.5	91.2	91.3	91.7 92.6	92.9	92.1	92.3	92.3	92.3	92.5	93.4	92.6	92.8
≥ 500	74.7	87.6 88.1	7 7	92.2	93.1	93.3	93.7	94.1	94.2	9444	94.5	94.5	94.6	94.7	94.7	94.9
≥ 400	75.1	88.6	91.4	93.9	94.9	95.3	96.0		96.5	96.7	96.8	96.8	97.0	4	97.1	97.3
≥ 200	75.2	88.9	91.7	94.2	95.4	95.8	96.8		97.7	98.2	98.4	98.4	98.7	98.8	99.0	
≥ 0	75.2	88.9	7 7 1	94.2	95.4						98.6	98.6	99.0	5		100.0

TOTAL NUMBER OF OBSERVATIONS

2571

USAF ETAC 104 0-14-5 (OL A) PECHOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42,44-46,49-75

YAM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERTIFIC							VIS	IBILITY ST	ATUTE MIL	FS.						
CEILING FEET	 -															
	≥10	≥6	≥5	≥4	≥3	≥2':	≥2	≥1'7	≥1,	≥1	≥ '₄	≥'•	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	50.8 58.5	51.9	52.1		52.1 60.7	52.1 50.7	52.2				53.2					
≥ 1800C ≥ 1600G	58.7	60.5	60.7	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.7 50.9	60,9	60.9
≥ 14000 ≥ 12000	59.7	61.6	61.8	62.0	62.0	62.0	62,0	62.0	62,0	62.0	62,0	62.0	62,0	62.0	62,0	62.0
≥ 10000 ≥ 9000	64.2	66.5	66.7	66.9	66.9		67.0	67.0	67.0	67.0	67.0		67.0	67.0	64.2	67.0
≥ 8000 ≥ 7000	67.3	70.1	70.4		70.6	70,6	70.7	70.7	70.7	70.7	70.7	770.7	70.7	70.7	70.7	70.7
≥ 6000 ≥ 5000	69.1	72.3	72.6	72.8	72.8	72.8		71.9	71.9	72.8	72.8	71.9	71.9	72.8	71.9	72.8
≥ 4500 ≥ 4000	71.0	74.6	74.9	75.2	75.2	75.2		74.6	75.2	75.2	75.2	74.6	75.2	75.2	74.6	74.6
≥ 3500 ≥ 3000	72.2	76.2 78.1	75.8 76.6	76.9	76.9		76,2	77.0		77.0	77.0	776.2	77.0	76.2	76.2	76.2 77.0
≥ 2500 ≥ 2000	75.4 78.7	80.1 83.8	80.6	78.9	81.1	78.9	79.0	79.0	81.2	81.2	81,2	81.2	79.0 81.2	79.0 81.2	79.0	79.0 81.2
≥ 1800 ≥ 1500	79.7 81.7	85.2 87.8	85.9	86.3	85.0	86.4	85.0	86.5	86.5	85.0	86.5	85.1	85.1	85.1	85.1	85.1 86.5
≥ 1200 ≥ 1000	83.4	90.1	91.1	92.1		92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92,3	89,5 92,3	89.5 92.3
≥ 900 ≥ 800	8444	91.7 92.3 93.0	92,9 93.5 94.2	94.7 94.7	94.2 95.1 95.9	95.1	95,1	95.1	95.1	94.2		94.3	94.3	94.3	94,3	94.3
≥ 700 ≥ 600	85.1	93.3	94.7	95.5 96.2 96.7	96.6	95.9	96.7	96.7	96,7	96.7		96.7	96.0	96.0	96,0	96.0
≥ 500 ≥ 400	85.4	94.1	95,7	97.6	98.2	98 . 2	98,4	98,4	76.4	98.4	98,4	98.4	97.3	98.4	97,3	98.5
≥ 300 ≥ 200	85.5	94.2	96.1	98.1	98.5 98.8 98.9	98.9	99,1	99.3	99.3		98.9	99.5	99.5	~ ~	99,5	98.9
≥ 100 ≥ 0	85.5	94.2	96.1	98.1	98.9	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.81	99.9 00.01	99.9

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42,44-46-49-75

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CL NG							VIS	IBILITY (ST	ATUTE MILI	ES)						
FEET	≥10	≥6	≥5	≥4	≥3	≥2'2	≥ ?	≥11⁄2	≥1′4	≥۱	≥ 3,4	≥ ⅓	≥'2	16 د ≤	≥ ′•	≥0
NO CEILING ≥ 20000	50.3 59.1	51.6 61.3	51.9 61.7	51.9		51.9 61.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51,9	51.9
≥ 18000 ≥ 16000	59.3 59.5	61.8	62.2	62,1 62,4	62.1	62.4	62.1	62.4	62.1	62.4	62.1	62.1	62.1	62.1	62.4	62.1 62.4
≥ 14000 ≥ 12000	60.2	64.8	63.0	63.2	63.2	65.4	63,2	63.2	63.2	65.4	63.2	63.2	63.2	63.2	65.4	63.2
≥ 10000	64.1	68.3	68.7	67.7		69.0	67,7 69,0		69.0		67.7 69.0	67.7		69.0	69.0	69.0
2000	66.6	70.0	70.4	70.6	71.7	70.6	70,6	70.6	70.6	70,6	70.6	70.6	70.6	70.6	70,6	70.6
≥ 6000 ≥ 5000 ≥ 4500	68.2 70.1 71.1	73.9	74.4	74.6	74.6	72.6	72,6	74.6	74.6	74.6	72.6	74.6	74.6	74.6	74.6	72.6
≥ 4500 ≥ 4000 ≥ 3500	72.7	75.0 76.8 78.5	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.77	77,7	777.7	777.7	77.7	77.7	77.7
≥ 3000	77.4	82.2	82.8	87.1	83.1 87.2	87.2	83.2	87.2	83.2	83.2	83.2	83.2	83.2	83.2	87.2	87.2
≥ 2000	84.6	90.3	91.1	91.3	91.4	91.4	91,5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1500	85.9	92.5	93.4	93.7	95.4	93.8	93,9	93.9	93.9	93.9	93.9	93.9	95.5	93.9	93.9	93.9
≥ 1000	87.1	94.7	95.7		96.3	96.8		96.4	96.4		97,0	96.5	96.5	96,5	96.5	96.5
≥ 800 ≥ 700 ≥ 600	87.5		96.6		97.6	97.7	97,8	97.8	97.8		97.4	احتفا	97.4	97.9	97.4	97.4
≥ 500 ≥ 400	87.7 87.9 87.9	95.8 96.1 96.2	97.0 97.4 97.6	98.1	98.1 98.4 98.7	98.2 98.6 98.9	98,4 98,9 99.2	98.5 99.0 99.3	99.9		99.1 99.4	99.1	99.1	99.1	98.5 99.1 99.4	99.1 99.4
≥ 300 ≥ 200	87.9		97.6		98.9	99.0	99,4	99.5	99,5	99,6			99,7	99.7	99.7	99.7
≥ 100 ≥ 0	87.9	96.2	97.7	98.5	98.9	99.0 99.0	99,5	99.6	99,6	99.8		99.9	100.0	100.0	100,0	100.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

13909 VALLE AFB OKLAHOMA/ENID

FERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	ICPITY (ST.	ATUTE MIL	ES:						
FEET:	≥10	≥6	≥5	≥ 4	≥3	≥ 2יז	≥ 2	≥1'2	≥114	≥1	≥ 14	≥3%	≥ '2	≥5 16	≥.	≥0
NO CEILING ≥ 20000	52.7	54.6 65.9	54.8	54.8	54.8	54.8 66.2	54,8	54.8	54.8	54.8 66.2	54.8 66.2	54.8	54.8	54.8	54,8	54.8
≥ 18000 ≥ 16000	63.3	65.9	66.2	66.3	66.3	66.3	66,3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000 ≥ 12000	64.1	66.8	67.1	67.2	67.2 70.1	67.2 70.1	67,2 70,1	67.2 70.1	67.2 70.1	70.1	67.2 70.1	70.1	70.1	67.2	57.2 70.1	67.2 70.1
≥ 10000 ≥ 9000	68.6	71.6	71,9	72.0	72.0	72.0	72.0	72.0	72.0	72.0 73.0	72.0	72.0	72.0	72.0	72.0 73.0	72.0
≥ 8000 ≥ 7000	71.0 72.3	74.3	74.6	74.7	74.7	74.7	74,7	74.7	74,7	74.7	74.7 76.2	74.7	74.7	74.7	74.7	74.7
≥ 6000 ≥ 5000	73.3	77.3	446 7	77.7	77.7	77.7	77,7	77.7	77,7	77.8	77,8 79,4	'77.8 '79.4	77.8	77.8	77.8 79.4	77.8 79.4
≥ 4500 ≥ 4000	75.7 78.2	80.0 83.0	83.3	83.4	80.4 83.4	80.4	83,5	83.5	80.5	83.5	80.5	80.5 83.5	83.5	80.5	80.5 83.5	80.5
≥ 3500 ≥ 3000	80.2	88.1	88.5	88.6	88.6	88.6	35,3	88.7	85,8	85,8 88.7	85,8 88,7	85.8 88.7	85.8	85,8	85,8 88,8	88.8
≥ 2500 ≥ 2000	84.6	92.5	93.2	93.4	91.7	93.5	91,3		91.3	92.3	91,3	91.3	91,3	91.3	91.3 93.8	93.8
≥ 1800 ≥ 1500	86.6 87.2	94.1	93.8	95.2	95.3	95.3	94,3	94.4	94.4				94+4	94.5	94.5 95.7	94.5
≥ 1200 ≥ 1000	87.9	95.5	96,5	96.8				97.3	96.5	97.4	97.4	74	97.4	96,6	96.6 97.5	96.6
≥ 900 ≥ 800	88.3	95.8		97.5		97.7	97,6	98.1	97,7	97.8 98.2	98.2	98.2		97.8	97.8 98.3	97.8
≥ 700 ≥ 600	88.6	96.4	97.4	98.0	98.3	98.1 98.3	98,5	98.7	98.5	98.8	98.8	98.8	98.8	98.7	98.7	98.7
≥ 500 ≥ 400	88.7	96.7	97.9	98.5	98.8	98.8	99,0 99,2	99.3	99,1	99.3		99.3	99.3	99.5	99.6	99.4
≥ 300 ≥ 200	88.7	96.7	98.0	98.6	99.0		99,4	99.7	99.5	99.9		99,7			99,8 100-0	
≥ 100	88.7	96.7	98.0		1 7 7			79.7 99.7	99.7 99.7	99.9		99.9		***	100.0	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42,44-46,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							ViS	IBILITY (STA	TUTE MILE	S)						
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥21/2	≥ 2	≥1½	د'1≲	≥1	≥ 1/4	≥ ¾•	≥ ½	≥ 5,16	≥ ′4	≥0
NO CEILING ≥ 20000	55.6 67.4	57.9 71.1	58,1 71.3	58.1 71.4	58.1 71.4	58.2 71.4	58.2 71.4	58.2 71.4	58.2 71.4	58.2 71.4	58.2 71.4	58.2 71.4	38.2 71.4	58.2 71.4	58,2 71.4	71.5
≥ 18000 ≥ 16000	67.6 67.9	71.4	71.6	71.7	71.7	71.7	71,7	71.7 72.1	71,7	71.7	71.7	72.1	72.1	72.1	71,7	71.8
≥ 14000 ≥ 12000	68.6 70.8	72.8	73,0 75,5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
≥ 10000 ≥ 9000	73.0	77.7	78.0 78.7	78.1	78.1	78.2	78.2	78,2 78,9	78.9	78.2	78.9	78.2	79.0	79.0	79.0	78.3
≥ 8000 ≥ 7000	75.2 76.2	80.4	80,7	80.9	80.9	80,9	80,9	80.9	82.2	80.9	82.2	82.2	82.2	82.2	81.0	82.2
≥ 6000 ≥ 5000	77.2	82.9 84.8	83.3 85.1	85.4	85.4	83.5	83,5	85.4	85.4	83,5 85,4	83,5 85,4	85.4	83.6	85.4	85.4	85.5
≥ 4500 ≥ 4000	79.1 80.7	85.4 87.4	87.9	88.2	86.1	86.1	88.3	88.3	88.3	88,3	88.3	88.3	88.3	88.3	88,3	86.2 88.3
≥ 3500 ≥ 3000	81.9	90.6		91.6		91.7	91,7	91.7	91.7	91.7	91,7	91.7	91.7	91.7	91,7	91.8
≥ 2500 ≥ 2000	84.4		93.7	94.1	93.1	93.2	94.3	94.3	94,3	94.3	94.3	94.3	94.3	94.3	94,4	94,4
≥ 1800 ≥ 1500	85.5	93.7	94.9	95.5	94.6 95.5 96.2	94,6	95,6	95.6	95.6	9447 9547 964	95.7	95.7	95.7	95.7	95.8	95.8
≥ 1209 ≥ 1000	85,8 86.0 86.2	94.6	1 4 4 7 4	96.8 96.8	96.8	96.9	97.0	1 11177	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2
≥ 900 ≥ 800	86.4	95.2	96.8	97.6	1 4477	97.8	97.8	97.8	97.8	97,9	97.9	97.9	98.0	98.0	98.0	98.1
≥ 700 ≥ 600	86.6	95.6	1 4472	98.1	98.2	98.4	98.8	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 500 ≥ 400 ≥ 300	86.7	95.8 95.8	97.6	98.5	98.7	98.8	99.0	LINE	99.1	99.2	99.4	99.2	99.3	99.3	99,4	99.4
≥ 200	86.7	95.9	97.7	98.7	99.0	99.1	99,3	99.4	79.4	99.7	99.7	99.7	99.9	99,9	100.0	100.0
≥ 100	86.7	1 7 7 1	1 1 1 7 1		99.0	776	99.3	99.4	99.4	99.7	99.7	99.7	1	1	7	100.0

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

42,44-46,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	<u></u>		·				VIS	SIBILITY (ST	ATUTE MIL	(ES)						
(FECT)	≥10	≥6	≥5	≥ 4	≥3	≥2'2	≥ 2	≥1%	≥114	≥1	≥ 1 ₄	≥>•	ړ۰≤	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	59.4 68.2		61.5		61.7	61.7	61.7	61.7	61.7			61.8	61.8	61,8		
≥ 18000 ≥ 16000	68.3	71.3	71.4	71.6	71.5	71.5	71,5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71. 71.
≥ 14000 ≥ 12000	69.6	73.1	73.2 75.3	73.2	73.4	73.4	73,4	73.4	73.4	73,5	73,5	71.8	71.8	73.5	71.8	71.
≥ 10000 ≥ 9000	73.7	77.6	77.8	77.8	77.9	77.9	77,9	77.9	77.9	78.0	75.6	75.6	75.6	75.6	75.6 78.0	75.
≥ 8000 ≥ 7000	75.2	79.9	80.2	80.2 81.7	80.4 81.9	78.7 80.4 81.9	80,4	80.4	80.4	78.8 80.5	78.8 80.5	78.8 80.5	78.8	78.8	78,8 80.5	78.
≥ 6000 ≥ 5000	77.5	82.5	82.8	82.9 85.1	83.0	83.0 85.3	83,0	83.0	83.0	83.1	83.1	83.1	83.1	82.0	83.1	82.
≥ 4500 ≥ 4000	79.7	85.4 87.3	85.7 87.7	85.8	86.0	86.0 88.2	85.3 86.0 88.2	85.3	86.0	86,1	85,4	85.4	85,4	85.4	85.4	85.
⊇ 3500 ≥ 3000	81.7	88.4	88,8	89.2	89.4	89.4	89,4	88.2	89.4	88,3		89.5	89.5	88.3	89.5	88.
≥ 2500 ≥ 2000	83.5	91.1	91.8	92.3	92.5	92.5	90.7	92.5	92.5	90.9	92,6	90.9	90.9	90.9	90.9	90.
≥ 1800 ≥ 1500	84.4	92.5	93.2	93.8	94.0	94.0	94.0	94.0	94.0	94.1	94.1	93.6	94.1	94.1	94,1	93.
≥ 1200 ≥ 1000	85.1	93.5	94-4	95.1	95.3	95.4 95.8	95.4	95-4	95,4	95.6	95,6		95.6	95.6	94.7	95.
≥ 900 ≥ 800	85.8	94.4	95.5 95.8	96.2	96.5	96.6	96.6	95.8	96.6	95.9	95.9	96.7	75.7	95.9	95,9	95. 96.
≥ 700 ≥ 600	86.1	94.9	96.1	96.8	97.1	97.2	97,4 97.7	97.0 97.4 97.7	97.4	97,6	97.6	97.6	77.6	97.6	97.6	97. 97.
≥ 500 ≥ 400	86.1	95.4	96.9	97.8	98.1	95.2 98.5	98.4 98.7	97.7 98.4 98.7	98,4	98,6	98,5	98.6	97.9	98.6	97.9	97. 98.
≥ 300 ≥ 200	86.2	95.6	97.2	98.2	98.8		99,1	99.1	99.1	98,9	99.3	1 1 7 7 1	99.4	98.9	99,4	98. 99.
≥ 100 ≥ 0	86.3	95.8	97.4	98.4	99.0				99.4	99,6 99,7 99,7	99,7	99.7		99.7 99.8 99.9	99.7 99.8 99.91	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

13909 VANCE AFB DKLAHDMA/ENID 42-46,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							٧IS	IBILITY (ST	ATUTE MILI	ES,	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·			
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1 ½	≥11/4	≥1	≥ 3 ₄	≥,*	≥ ′2	≥5 16	≥ '₄	≥0
NO CEILING ≥ 20000	64.0 71.0	74.9		67.4 75.2	67.5 75.3	67.5 75.3	67.5	67.5 75.3	67.5 75.3	67.5 75.3		75.3	167.6 175.4	67.6	67.6 75.4	67.7 75.5
≥ 18000 ≥ 16000	71.6	75.2 75.6	75.3	75.5	75.5	75.5	75.5	75.5 76.0	75.5	75.6 76.0	75.6	75.6	75.6	75.6	75,6 76.1	75.7
≥ 14000 ≥ 12000	72.8	77.1	77.2	77.4	77.5 80.1	77.5 80.1	77,5	77.5 80.1	77.5	77.6	77.6 80.2	77.6	77.6	77.6	77.6 80.2	77.7
≥ 10000	77.8			82.5 83.0	82.6 83.1	82.6 83.1	82,6	83.1	82.6	82.7	83.2	82.7	82.7	82.7 83.3	83.3	82.8
≥ 8000 ≥ 7000	79.0	84.9	85.0	85.3	85.4	84.5	85,5	85.5	85.5	84.6		84.6	85.6	84.7	84.7	84.7
≥ 6000	81.8	88.0		88.4	88.6	86.8	88.7	86.8	88.7	86.8		86.9	86.9	86,9	86.9	87.0 88.9
≥ 4500 ≥ 4000 ≥ 3500	82.2 83.0 84.1		88.6 89.9 91.1	90.4	89.2 90.6	90.6	89.2 90.7	90.7	90.7	90.8		90.8	90.9	90.9	90.9	90.9
≥ 3000	84.9		92.4	93.1	93.3	91.8	93,5	91.9	91.9	93.6	93.6	93.6	93.6	92.1	93.6	92.1
≥ 2000	85.6		93.8		94.8 94.8	94.0 94.8 95.0	94,2 95,1 95,3	94.2	95.1	95.2 95.4	95.4	95.2	95.2	95.2	95.2	95.3
≥ 1500	85.8		95.2	95.4 96.1	95.7	95.7	96.0	95.3 96.0 96.7	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1000	86.1	95.0	95.5	96.8	96.7	96.7		97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4
≥ 800	86.5	95.5	96.4	97.1	97.5	97.5	97.9 98.1	97.9	97.9	98.1 98.2	98.1	98.1	98.2	98.2	98.2	98.2
≥ 600 ≥ 500	86.7	95.8		97.5	97.8	97,8	98.3	98.3	98.3	98.5	98.5	98.5	98.6	98.9	98.6	98.6
≥ 400	86.8	95.9 95.9	96.9 97.0	97.9	98.2	98.2 98.3	98.7	98.7	98.7 98.8	98.9	98.9	98.9				99.1
≥ 200	86.8	95.9	97.0		98.7	98.7	99.2	99.3	99.3	99.4	99.4	97.4	99.6	99.5	99,7	
≥ 0	86.8	95.9	97.0	98.2	98.7	98.7			99.3	99.4			99.7	99.7		00.0

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

VANCE AFB OKLAHOMA/ENID 42-46,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET		 .			·	·	VIS	SIBILITY (ST	ATUTE MIL	lES.						
	≥10	≥ه	≥5	≥ 4	≥3	≥2%	≥2	≥1%	≥1¼	≥1	≥ 1,4	≥ 5%	≥ '⁄2	≥ 5 16	≥ '4	≥0
NO CEILING ≥ 20000	56.5	60.6	60,9		61.4	69.2	61,4	7.57	61.4			61.5	61.6		61,8	61.
2 18000 ≥ 16000	63.2	68.4	68,8	69.0	69.4	69.4	69.4	69.4	69.2	69,3	69.5	69.3	69.4	69.5	69.8	69.
≥ 14000	64.8	70.3	70.7	71.0	71.4	71.4	69.7	69.7	69.7	69.8	69.8	69.8	69.9	69.9	70.0	70.
≥ 12000 ≥ 10000	67.2	73.3	73.7	74.0	74.4	74.4	74.5	74.5	74.5	74.7	74.7	74.7	74.8	74.8	71.9	72.
≥ 9000	70.6	77.0	77.5	77.8	78.3	78.4	78.5	77.6	77.6	7777 78.6	77.7 78.6	77.7	77.8	77.8	77.9	78.
≥ 8000 ≥ 7000	72.2	79.1	79.6	79.9	80.4	80.5	80,6	80.6	80.6	80,7	80,7	80.7	80.8	80,9	81,0	78.
≥ 6000 ≥ 5000	73.7	81.0	81.6	82.0	82.5	82.6	82,7	82.7	82,7	82,9	82.7	82.9	81.8	81.8	81.9	82.
≥ 4500	76.0	83.8	83.9	84.9	84.9	85.0	85.6	85.1	85.1	85.3	85.8	85.3	85.4	85.4	85.5	85.
≥ 4000 ≥ 3500	77.6	85.9	86.1	86.6	87.1	87.2	87,3	87.3	87.3	87.5	87.5	87.5	87.6	85.9	86.0	86.
≥ 3000	78.8	87.7	88.7	89.2	87.9	87.9	90.0	90.0	90.0	88.2	88 ₄₂	88.2	90.2	88.4	88.5	88.
≥ 2500 ≥ 2000	79.3	89.8	89,8	90.3	90.9	91.0	91,1	91.1	91,1	91.2	91.2	91.2	91.3	91.4	90,3	90.
≥ 1800 ≥ 1500		90.0	91,4	92.1	92.7	92.8			92.9	92.7		92.7	93.2	92.9	93.0	93.
≥ 1200	80,8	91.0	92.4	92.7	94.0	94.0	94.2	94.2	94.2	93.7	93.7	93.7	93.8		93.9	94.
≥ 1000 ≥ 900	80.9	91.4	93.0		94.7	94.8	94.9	94.9	94.9	95.1	95.1	95.1	95:2	95.3	94,5	94.
≥ 800	81.4	92.0	93.6	94.5	95.4	95.1 95.5		_ 1 [95.3	95,5	95.5	95.5	95.6		95,7	95.
≥ 700 ≥ 600	81.7	92.2	93.9		9547	95.7	95,9	95.9	95.9	96,1	96,1	96.1	96.2	96.2	96,3	96.
	81.8	92.5	94.4	95.3	96.3	96.3	96,5	96.5	96.5	96,3 96,8	96.8	96.8	96.4		96.6	96.
≥ 300	81,9	93.1	94,9	96.0								97.3		97.5	97,6	976
≥ 100						97.5	97,8	98.0	98,0	9827	98,7	98.7	99.0	99.0	' '	98.
	1771		95.0			النششة	97.9			A 1 C 41	4071					99.

TOTAL NUMBER OF OBSERVATIONS

2090

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46-49-75

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	ļ 						VIS	BILITY (ST.	ATUTE MIL	ES;						
+FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥21,2	≥2	≥1%	≥1'4	≥ı	≥ 1,4	≥ 5/8	≥ '5	≥5 16	≥ 4	≥0
NO CEILING ≥ 20000	51.4 59.6			55.1	55.2	55,3	55.4	55.4 64.5	55,5 64.5	55,5 64.6	55,5		55,5 64,6	55.5 64.6	55,5 64.6	55.6
≥ 18000 ≥ 16000	59.8 59.9	63.1	64.0	64.4	64.7	64.7	64.9	64.8	64,8	64,8	64.8	64.8	64.8	64.8	64.8 65.0	65.0
≥ 14000 ≥ 12000	61.4	64.9	65.9	66.3	66.5	66.6	66,7	66.7	66.8	66,8	66,8		66.8	66.8	66.8	56.9
≥ 10000 ≥ 9000	66.9	71.3	72.4	72.8	73.1	73.3	73,3	73.4	73.4	73.5 75.3	73.5	73.5	73.5	73.5	73,5	73.6
≥ 8000 ≥ 7000	70-4	75.1 76.5	76.4 77.8	77.0	77.3	77.4	77.5	77.5 78.9	77.6	77,6	77.6	77.5	77.6	77.6	77.6	77.7
≥ 6000 ≥ 5000	72.5 73.9	77.6	80.6	79.5 81.2	79.8 81.5	80.0 81.7	80,0	80.1	80.1	80.2	80.2 82.0	80.2	80.2	80.2	80.2	86-3 82-1
≥ 4500 ≥ 4000	74.2 75.0	79.5 80.5		81.5 82.6	81.8	82.1	82.2	82.2	82.2	82.3	62,3 83,3	82.3	82.3	82.3 83.3	82.3	82.4 83.5
≥ 3500 ≥ 3000	75.2	81,0 82,1	82.5	84.3	83.5	83.7	83,8	83.8	83,9	84,0	84.0	84.0	84.0	84.0	84,0	84.1
≥ 2500 ≥ 2000	76,7 77,7	83,0 84,2	85.8	85.2 86.6	87.1	85.8	85,9	85.9	86.0	86,1	86.1	86.1	86.1	86.1	86.1	86.2 87.7
≥ 1800 ≥ 1500	77.9	86.1	86.2 88.0	86.9	87.4	37.7 89.7	87.7	87.8	87.8	87.9	90.0	87.9	90-0	87.9	87.9	88.0
≥ 1200 ≥ 1000	80.0 90.5	87.2 88.1	90.3	90.2	90.9	91.1	91,3	91.3	91.4	91.5	91,5	91.5	91.5	91.5	91.5	91.6 92.8
≥ 900 ≥ 800	80.9	88.9	91.1 92.0	92.2	93.0	93.3	94,5	93.5	93.5	93.6	93,6	93.6	93.6	94.7		93.8
≥ 700 ≥ 600	82.0	90.7		93.8	94.8	95.0	95.7	95.3 95.8		95.4	95.4	95.4		95.4	95.4	95.5
≥ 500 ≥ 400 ≥ 300	82.2 82.3	91.3	93.5	95.6	96.7	96.4			96.8		97.9	97.9	97.1 98.0	98.0	97.1 98.0	97.2 98.1
≥ 200	82.4	91.6			97.4	97.6	98.3			98,7	99.1	99.1	99.2	98.8	98.8	99.0 99.4
≥ 100 ≥ G	82.4	91.7	94.1	96.1	97.4	97.7	~ ~ ~		98.8	99:2				99.3	99,5	99.8

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46/49-75

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	i						VIS	IBILITY (ST)	ATUTE MIL	ES,						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2 ⁄2	≥2	≥1'5	≥1'4	≥1	≥ 34	≥રુ	≥ '≈	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	55.8 63.7	57.0 65.6	57,3 65,9	57.5 66.1	57.5 66.1	57.5	57,5	57.5 66.1	57,5	57.5 66.1	57,5 66.1	57.5 66.1	57.5 66.1	57.5	57,5 66.1	57.5 66.1
≥ 18000 ≥ 16000	63.9	65.8	66.1	66.3	66.9	66-3 66.9	66,3	66.3 66.9	66.3	66.9	66.9	66.9	66.3	66.9	66.9	66.9
≥ !4000 ≥ 12060	65.9 68.4	68.0 70.6	68,3 71.0	68.5 71.2	68.5	68.5	68,5 71,2	68.5 71.2	68.5	68,5	68.5 71.2	71.2	68,5 71.2	68,5	68,5 71.2	71.2
≥ 10000 ≥ 9000	71.0 72.3	73.3		75.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74,0	74.0	75.4	74.0
≥ 8000 ≥ 7000	73.9	76.4	77.1 78.2	77.3	77.3	77.3	77,3 78,4	73.4	77,3	77.3	77,3	77.3	78.4	78.4	77,3	77.3
≥ 6000 ≥ 5000	75.6 76.3	78.2	78,9	79.1 80.2	79.2 80.3	79,2 80,3	79,2		79.2 80.3		80.3		79.2 80.3	79.2 80.3	79.2 80.3	79.2 80.3
45€	77.9	79.8	81.8	82.3	82.3	81.0	82.3	82:3	82.3	82.3	81.0 82.3 83.1	81.0 82.3 83.1	81.0 82.3 83.1	81.0 82.3 83.1	81.0 82.3 83.1	81.0 82.3 83.1
≥ 3500 ≥ 3000 ≥ 2500	78.5 50.6		84.7	83.0 85.3	83.1 85.4 87.4	83.1 85.4	83,1 85,4 87,4	83.1 85.4 87.4	85.4 87.4	85.4	85.4	85.4	85.4	85.4	85.4	
≥ 2000	84.5	88.4	89.5	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	86.9	91.4	92.5	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4 95.2
≥ 1000	88.8	94.1	95.4	96.5	96.6	96.6	96,6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	89.3	95.0	96.5	97.6	98.2	97.8	97.8	97.8	97.8	97,8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	89.8	95.7	97.2	98.4	9(17	98.7	98,8	98.8	98.8	98.8	98.8	98.8	99.8	98.8	98,8	98.8
≥ 400	90.0	96.2	97.9	99.2	99.5	99.6	99,7	99.8		99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	90.1	96.3	98.0	99.3		99.7	99,9	99,9	100,0	\$ 30,0	100,0	100.0		100.0		100.0
≥ 0	90.1	96.3	98.0	99.3	9967	99.7	99.9	9969	100.3	<u> </u>	100-0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

.2765

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49275

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERING		·· · <u>·</u>					VIS	IBILITY (ST.	ATUTE MILI	ES,				····		
FEET	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥17	≥1'4	≥ı	≥ λ ₄	≥'₅	≥'₃	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	56.1 65.4	57.4 67.3	57,5 67,6	57.6 67.7	57.7 67.7					57.8 67.8			57.8 57.8			57.8 67.8
≥ 18000 ≥ 15000	65.7	67.5 67.7	67.7	67.8	67.9	67,9 68.1	68.0 68.2	68.0 68.2	68.0	68.0 68.2	68.0 68.2	68.0 68.2	68.0 68.2	68.0	68,0 68,2	68.2
≥ 14000 ≥ 12000	66.8	70.9	69.0 71.2	69.1 71.2	69.2 71.3	69.2 71.3	69,3	69.3 71.4	71.4	71.4	69.3	71.4	69.3 71.4	69.3 71.4	71.4	71.4
≥ 10000 ≥	70.4	72.7	73.1	74.2	73.2	73.2	73,3 74,4	73.3	74.4	74:4	73.3	74.4	74.4	7444	73,3	73.3
≥ 8000 ≥ 7000	72.5	75.2 76.1	76.5	75.7	75.6	75.8	75.9	75.9 76.7	75.7	75.9 '76.7	76.7	75.9	75.9	76.7	76.7	76.7
≥ 6000 ≥ 5000 ≥ 4500	74.0 75.9	79.1	77,5 79,6	77.0	77.6	77.6 79.7 80.6	77,7	77.7	79.8	77,7 79,8	77,77 79.8	79.8	79.8	79.8	79.8	ام م
≥ 4000 ≥ 4000 ≥ 3500	76.6 79.3	82.7	83.2 85.3	83.4	83.4		80.7 83.5	83.5	83.5	83.5	83.5		83.5	83,5	83.5	83.5
≥ 3000 ≥ 2500	84.9	88.9		89.8	89.9		90.0	90.0	90.0		90.0	90.0	190.00	90.0	90.0	90.0
≥ 2000	89.9 90.2	95.0 95.3		96.2	96.3	96.3	95.3	96.7	96.3	96.3	96.3	96.3	96.3	96.3	96,3	96.3
≥ 1500 ≥ 1200	91.1	96.3	98.1	97.6	97.8		97.8	_ = 0	97.8	97,8	97.8	97.8				
≥ 900	91.7	97.5	98.4	98.7	98.8	98.8	99,3	99.3	99.3	99,3	99,3		99.3	99,3	99,3	99.3
≥ 800 ≥ 700 ≥ 600	91.9	97.5		99.3		99.4	99.4	99.5	99,5	99,5	99.5	99.5	99.5			11.7
≥ 600 ≥ 509 ≥ 400	92.0	97.8	99.1	99.5	99.6	99.6	99,6	99.7	99.7	99,7	99,7	99.7	99.7	99.7	99,7	
≥ 300 ≥ 200	92.1 92.2 92.2	97.8 97.9 97.9	99,3	99.6	99.8	99.7 99.8 99.8	99.8 99.9	99.9	100.0	100,0	100,0		100.0	100.0	100,0	100.0
≥ 100 ≥ 0	92.2	97.9	99.3		99.8	99.8	99,9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2765

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46-49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES ¹						
FEET	≥10	≥6	≥5	≥4	≥3	≥2%	≥ 2	≥1'2	≥וי.	≥1	≥ 14	≥ %	≥ 'z	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	60.J	61.1 72.8	61.5 73.1	61.7	61.7 73.5	61.7 73.5	61.7	61.7	61.7	61.7 73.5	61.7	61.7	61.7	61.7	61.7 73.5	61.7 73.5
≥ 18000 ≥ 16000	71.2 71.3	73.0	73.3	73.6	73.7	73.7 73.8	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7 73.8	73.7
≥ 14000 ≥ 12000	72.5	74.4	74,7 76,2	75.0	75.1	75.1 76.5	75,1 76.5	75.1 76.5	75.1	75.1 76.5	75.1 76.5	75.1	75.1	75.1	75.1	75.1
≥ 10000 ≥ 9000	74.9 75.8	77.0	77.4	77.6	77.7	77.7	77,7	77.7	77.7	78.7	77.77	78.7	78.7	78.7	78.7	78.7
≥ 8000 ≥ 7000	77.2	80.1	80.5	80.8	80.1	80.9	80,1	80.9	80.9	80.1	80.9	80.9	80.9	80.1	80.1	80.1 80.9
≥ 6000 ≥ 5000	79.1	81.6	82.2	84.0	82.5	82,5	82,5 84.1	82.5	84.1	82.5	82.5	82,5 84.1	84.1	84.1	82,5	82.5
≥ 4500 ≥ 4000	81,5	87.8	85.1	85.4 88.8 91.3	85.5 88.9 91.4	85.5	88.9	88.9	88.9	85.5	85,5	88.9	88.9	88.9	85.5 88.9 91.4	85.5 88.9 91.4
≥ 3500 ≥ 3000	86.9 90.0 91.7	93.7	94.4	94.8	94.9	91.4 94.9	94,9	94.9	94.9	91.4	91.4	94.9	94.9	94,9	94.9	94.9
≥ 2500 ≥ 2000	92.7	96.8 96.9	97.5	96.7	98.0	98.0	96,9 98,0 98,3		96.9 98.0 98.3			98.0	98.0	98.0	98.0	98.0 98.3
≥ 1500	93.0	97.3	98.1	98.5	98.7	98.7	98.8	98,8	98.8		98.8	98.8	98.8	98.8	98,8	98.8
≥ 1000	93.3	97.8 97.8	98.6	99.0		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99,4	99.4
≥ 860	93.3	97.8	98.6	99.1	99.5	99.5	99.6			99.6	99.6	99.6	99.6	99.6	99.6	99.6 99.7
≥ 600	93.4	97.8	98.7	99.2	99.5	99.6 99.7	99,7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	93.4	97.9	98.7	99.2	99.7	99.7	99,7	99,7	99.8	99,8	99.8	99.8	99.8	99.8		99.8
≥ 200	93.4	97.9	98.7	99.2		99.7	99,8	99.8		99.8			99.8			99.9 100.0
≥ 0	93.4	97.9	98.7	99.2	99:7	99.7	99.8	99.8	99.8	99.8	99.9	199.9	9919	99.9	100.0	100.0

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46,49-75

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)		•				
'reei	≥10	≥6	≥5	≥ 4	≥3	≥2⅓	≥ 2	≥11/2	≥1.*	≥1	≥ ⅓	≥ 5/4	≥ '/-	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	64.3 76.0	65.8		66.3			66.3 78.8		66,3			66.3	56.3 78.8	66.3	66.3 78.8	66.3
≥ 18000 ≥ 16000	76.3 76.4	78.7 78.8	79.1 79.2	79.2	79.2		79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 14000 ≥ 12000	77.8 80.4	80.5 83.3	80.9 83.8	81.0	81.0	81.0	81,0	83.9	81.0	81,0	81,0	81.0	81.0	81.0	81.0	81.0
≥ 0000 ≥	82.5	85.1 85.5	85,5	85.7 86.1	85.7	85.7	85,7	85.7 86.1	85,7	85,7	85,7 86.1	85.7 86.1	85.7	85,7 86.1	85,7 86.1	85.7 86.1
≥ 8000 ≥ 7000	83.6 84.4	86.7 87.5	87.2 88.0	87.3 88.2	87.3 88.2	87.3	87,3 88.2	87.3 88.2	87.3 88.2	87,3 88,2	87.3 88.2	87.3 88.2	87.3 88.2	87.3 88.2	87.3 88.2	87.3 88.2
≥ 6000 ≥ 5000	85.4 86.4	88.8 90.0	89,3 90.6	89.5 90.8	89.5	89.5	89,5	89.5	89,5	89.5	89,5	89.5	89.5	89,5	89.5	89.5
≥ 4500 ≥ 4000	87.0 88.5	90.6	91.2 93.2	91.5	91.6	91.6	91,6	91.6	91.6	91,6	91,6	91,6	91.6	91.6	91.6	91.6
≥ 3500 ≥ 3000	99.5	93.7 95.3	94.4	94.9	94.9	94.9 96.6	94,9	95.0	95.0 96.7	95.0 96.7		95.0	95.0	95.0	95.0	95.0
≥ 250U ≥ 2000	91.3 91.5	96.0 96.4	96.7 97.1	97.3	97.4	97.4	97,5	97.6	97.6	97,6 98.0		97.6	97.7	97.7	97.7	97.7
≥ 1800 ≥ 1500	91.5 91.8	96.5	97.3	97.9	98.0 98.4	98.0	98.2 98.5	98.3 98.6	98.6	98,3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200 ≥ 1000	92.1	97.2 97.4	98.0	98.7	98.8	98.8	98.9	99.0	99.0	99.0		99.0	99.1	99.1	99.1	99.1
≥ 900 ≥ 800	92.1	97.5 97.6	98,3 98.5	99.0 99.2	99.1	99.1	99,2	99.3	99.3	99,3		99.3	99.4	99.4	99,4	99.4
≥ 700 ≥ 600	9242	97.6	98,5 98,6	99.2	99.2	99.2	99,4	99.5	99.5	99.5		99.5	99.5	99.5	99.5	99.5
≥ 500 ≥ 400	92.2	97.7	98,6 98,6	99.2	99.4	99,3	99,5	99.6	99.6	99.6	99,6	99.5	99.7	99.7	99.7	99.7
≥ 300 ≥ 200	92.2	97.7	98.5 98.6	99.3 99.3	99.4 99.4	99.4	_ : = :	99.7	99,7	99.8		99.8	99.8	99.8	99.8	99,8
≥ 100 ≥ 0		97.7	98.6	99.3	99.4	99.4	99,6	9937	99.7	99.9	99.9		99.9		99.91 99.91	00.0

TOTAL NUMBER OF OBSERVATIONS

.2366

CEILING VERSUS VISIBILITY

13909 VANCE AFB DKLAHOMA/ENID 42-46,49-75

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	έS·						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2 ;	≥ 2	≥1'2	≥114	≥1	≥ ,⁴	≥,•	≥''n	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	67.8 76.6	70.4	70.6	70.7		70.7	70.7	70.7 80.3			70.7 80.3	70.7 80.3		70.8 80.4	70.8 80.4	70.8
≥ 18000 ≥ 16000	77.0 77.2	80.3 80.5	80.6 80.8	80.7 80.9	80.7 80.9	80.7	80.7 80.5	80.7 80.9	80.9	80.7	80.7 80.9	80.7		80.8	80.9	80.8
≥ 14000 ≥ 12000	78.7 80.8	82.3 84.6	82.6	82.7 85.0	82.7 85.0	82.7		82.7 85.0	82,7 85.0	82.7 85.0	82,7 85.0	82.7 85.0		82.8 85.1	82.8 85.1	82.8
≥ 10000 ≥ 9000	82.7 83.0	86.9 87.2	87,2 87.5	87.3 87.6	87.4 87.7	87.4	87,4	87.4	87.4 87.7	87.4 87.7	87,4 87,7	87.4	87.5 87.8	87.5	87,5 87.8	87.5 87.8
≥ 8000 ≥ 7000	84.5 84.5	89.2	88.6 89.5	89.6		88.7 89.7	88,7	88.7 89.7	88.7	88.8	88,8	88.8	88,8	88.8	88.8	88.8
≥ 6000 ≥ 5000	85.5 86.8	90.5	92.4	92.6	91.0 92.6	91.0 92.6	91.1	91 i 1 92 i 7	91.1 92.7	91.1	91.1 92.7	91.1	91.2 92.8	91.2	91.2 92.8	91.2
≥ 4500 ≥ 4000	87.0	92.3	94.0		92.9	92.9	92,9	92.9	92.9	93.0	93.0	94.3	94.4	93,0	93.0	94.4
≥ 3500 ≥ 3000	88.7	94.4	94.9	95.1	95.1	95.1	95,2 96,6		95.2		95.2	95.2	96.7	95,3	95,3	95.3
≥ 2500 ≥ 2000	89.7 90.2	96.0 96.8	97.5	97.8	96.9	96,9 97.8	97,1 98,0		98.0		98.1	97.1 98.1	98.1	97.2	97,2 98,1	97.2 98.1
≥ 1500 ≥ 1500	90.3	97.0 97.2	97,6	98.2	98.0	98.0 98.3	98,5	98.5	98.2	98.6	98.6	98.6		98.6	98.3 98.6 98.9	98.3 98.6 98.9
≥ 1000	90.6	97.4 97.6	98.4	98.7	98.8	98.5 98.8 98.9	98,7		98.8	98,8 99.1	98.8 99.2	99,2		99.2	99.2	99.2
≥ 900 ≥ 800	90.8	97.7 97.8	98.7	99.0	98.9	99.1	99,1 99,3	99.4	99.4 99.4	99.5	99,5	99.5		99.5	99.5	99,5
≥ 700 ≥ 600	90.9	97.8 97.9	98.8	99.2	99.3	99.3	99.5	99.5	99.5	99.6		99.7	99.7	99.7	99,7	99.7
≥ 500 ≥ 400	90.9	98.0 98.0	1	1 7 1 7 7	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9 100.0
≥ 200	90.9	98.0	98.9	99.3	99.5	99.5	99,8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
2 100	90.9		1 1 7 1	99.3		, , , , , ,	99.8					r	F	100-0		

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-63,56-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				— <u>~—</u>			VIS	IBILITY (ST.	ATUTE MILI	ES					·····	
FEET	≥10	≥6	≥5	≥4	≥3	≥2?	≥2	≥115	≥1.	≥1	≥ 14	≥34	בי ≤	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	72.6 78.0	76.1 82.7	76,3 83,0	76.6	76.6	76.6	76.6 83.2	76.6	76.6	76.6	76.6	76.6 83.2	76.6	76.6 83.2	76,6 83.2	76.6 83.2
≥ 18000 ≥ 16000	78.1 78.1	82.8 82.8	83.1 83.1	83.3 83.3	83.3	83,3	83,3 83,3	83.3	83.3 83.3	83,3 83,3	83,3 83,3	83.3 83.3	83.2 83.3	83.3 83.3	83.3	83.3 83.3
≥ 140v0 ≥ 12000	80.0 92.1	84.7 87.3	87.6	85.2 87.8	85.2	85.2 87.8	85,2 87,8	85.2 87.8	85.2 87.8	85.2 87.8	85.2 87.8	85.2 87.8	85.2 87.8	85.2	85,2 87.8	85.2 87.8
≥ 19000	83.4 83.5	88.8		89.2	89.2	89,2 89,5		89.2 89.5	89.2	89.2	89.2 89.5	89.2	89.2	89.2	89.5	89.2 89.5
≥ 800° ≥ 700	85.3	90.3	90,6	90.8	90.8	90,8			90.8	90,8	90.8	90.8	90.8	90,8	90,8	90.8
≥ 60x ≥ 500	86.3 87.1	93.2	92,8	93.8	93.9	93.2	93,2	93.2	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4500 ≥ 4000 ≥ 3500	87.3 87.4 87.7	93.7	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	194.4	94.4	94.4	94.4	94.4
≥ 3000	88.3	95.1	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
≥ 2000	88.8	96.1	96.6	96.9	96.9	97.0		97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1500	89.1	96.6	97.1	97.3	97.5	97.6	97,7	97.7	98.0	97.7	9777	97.7	97.7	9727	97.7	97.7
≥ 1000	89.2	97.0	97.5	97.8	98.1	98.1	98.2	98.2	98.2	98.4	98.2	98.2	98.3	98.3	98.3	98.3
≥ 800	89.2	97.4	97.9	98.2	98.4	98.5	98,6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98,7	98.7
> 600 > 500	89.3	97.6 97.8	98.1	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
≥ 400	89.6	98.2	98.6	98.9	99.1	99.2	99.3	99.3	99.6	99,6	99.6	99.3	99.7	99.3	99.3	99.7
≥ 200	89.6	98.3	98.9	99.3	99.5	99.4	99,7	99.7	99.7	99.7		199.8	99.8	99.8		99.8
2 0	89.6	98.3	98.9	99.3	99.5	99.6	99.R	99.8	99.8	99.8	39.8	199.8	9929	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46-49-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	IBILITY 'ST	ATUTE MIL	ES:						
FEET	≥,10	≥6	≥ 5	≥ 4	≥3	≥2′2	≥ 2	≥1 7	≥1.	≥1	≥ 34	≥5,	≥ ;	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	69.2			63.7	·69.0		69.1	69,2	69.2	69.4 76.4	69.6	69.6	69.6	69.6	69.7 76.7	
≥ 18000 ≥ 16000	69.4	74.6 74.7		, :	76.2	76.2	76,3	76.4	76.4	76×6	76.8	76.8	76.8			
≥ 14000 ≥ 12000	70.8	76.0 79.9	76.8 80.6		77.7	77.7		77.9	77.9	78.2 82.0		78.3 82.2	78.3	78.3 82.2	78.4 82.3	78.5 82.4
≥ 9600 ≥ 9600	77.0 77.7	83.4		85.5		86.1	85,2	86.3		85.6 86.6	85.7	85.7 86.7	35.8 86.7	85.8	85,9 86,9	86.9
≥ 8000 ≥ 7000	78.9	85.9 86.9	86.7 87.8	88.3		88.8		89.0	89.0		89.4		88.4 89.5	89.5	88,5	88.5 89.7
≥ 6000 ≥ 5000	80.6	87.9 89.2		90.7	89.9 91.3	91,3	97.4		91,5	91,8	91,9	91.9	90.6	90.6	90.8 92.1	90.8
≥ 4°00 ≥ 4000	82.6	89.7 90.4		91.9		91.7	92.6	92.0	92.0 92.7	93,0	93,1	93.1	92.4		92.6	92.6
≥ 3000	83.2 83.6	90.7 91.6	(93.3	92.7 93.8 94.4			94.0		94,3	94,5	94.5	93.4	94.5	93.5	93.6
≥ 2000	83.7	92.4		94.1	94.7	94.7		94.6		94,9	95,4	95.4	95.5		95.2 95.6	
≥ 1500	84.0	92.7	93.8	94.5	95.2	94.8 95.3 96.0		95.1 95.7 96.4	95,1 95,7 96.4	95.3 95.9 96.6	96,1	95.5		96.1	95,7	95.7
≥ 1000	84.1	93.6	94.8		96.2				96.6	96.9	97.0	197.0	96.8 97.1 97.2	97.1	97.0 97.2 97.3	97.3 97.4
≥ 800 ≥ 700	84.1	93.7	94.9				96.7		96.8	97.1	97.2	97.2		97.3	97.4	97.5
≥ 600	84.2 84.5	94.0	95.8 95.8	96.1	96.9	97.0 97.5	97,3			97.6	97.8		97.8		1 1	98.0
≥ 400 ≥ 300	84.5	94.6	96.4	96.9	97.7	97.7	98.1	98.8	98.2		98.7	98.7	98.7	98.7		
≥ 100	84.5	94.9	96.5	97.4	98.2	98,3	98,8	99.1	99.1	99.4	99.5		99.5	99,5		99.7
≥ 0	84.5	94.9	96.5	97:4	98.2	98.3	98.8	99.1	99.1	99.4		99.5		99.5		

CEILING VERSUS VISIBILITY

VANCE AFB OKLAHOMA/ENID 42-46-49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS 151

CEILING FEET		-					VIS	SIBILITY (ST	ATUTE MIL	.ES)				······································	······································	
reci	≥10	≥6	≥ 5	≥ 4	≥3	≥2⅓	≥ 2	≥1 ′2	≥11/4	≥1	≥ ⅓4	≥ > •	≥ 'ಌ	≥5 16	≥ '∡	≥0
NO CEILING ≥ 20000	55.2 63.3	59.4 69.0		60.7 70.7					61;1			61.4		61.4		61.4
≥ 18000 ≥ 16000	63.5	69.2	70.1	70.9		71.3	71,5	71.5	71,5	71.6	71,7	71.5 71.7	71.5	71.7	71.8	71.8
≥ 14900 ≥ 12000	65.4	71.0	72.0 75.9	,		73.2	73,3	73.3	73,3	73.5	73,6	73.6	73.6	73.6	72.0	72.1
≥ J00 ≥ 9000	72.6	79.3	- 4.4	81.4	81.7	81.7	82,0	82.0	82.0	82.1	82.2	82.2	82.2	82.2	82.3	82.3
≥ 8000 ≥ 7000	76.0 77.2	83.4 84.7	85.0	85.9 87.1	86.3	86.3 87.5	86,5	86.5	86.5 87.8	8617	86.8	83.4	86.8	86.8	86.8	86.9
≥ 6000 ≥ 5000	78.3	86.0 87.1	87.6	88.6	89.0 90.4	89.1 90.5	89,3	89.3	89.3	89.5		88.0 89.5 91.0	89.5	88.0	89.6	89.7
≥ 4500 ≥ 4000	79.4	87.3 88.2	89.1 90.1	90.1	90.6	90.7 91.8	90.9	90.9		91,1		91.2	91.2 92.3	91.0 91.2 92.3	91.0 91.3 92.4	91.1
≥ 3500 ≥ 3000	80.3	88.5	90.4	91.5	92.0	92.1	92,4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92,7 93,5	92.4 92.8 93.6
≥ 25C3 ≥ 2000	81.2	89.6	91.8 92.1	93.0	93.6	93.7	94.4	94.4		94.1	94.2		94.2	94.2	94,3	94.4
± 1800 ≥ 1500	81.6	90.5	92.8	93.5	94.7	94.1	94.4	94.4	94.4	9496	94.7		94.7	94.7	94.7	94.8
≥ 1200	81.7	91.0	93.7	95.3	95.4	95.5	95,9	95.9		96.6	-	96.1	96.1	96.1	96.2	96.8
≥ 900 ≥ 800	82.3	91.7	94,1	95.7	96.3	96.3	96,7	96.7	96.7	97.0 97.2		97.1	97.1	97.1 97.3	97.1	97.2
≥ 700 ≥ 600		92.3	94.8	96.2	96.7	96.8	97.2	97.2 97.6	97:2 97.6	97.5	97,6	97.6	97.6	97.6 98.0	97.7	97.7
≥ 500 ≥ 400	82,6	92.6		96.9	97.9	97.6 98.0	98,6	98.1	98.1	98.4	98.5	98.5	98.5	98.5	98,5	98.7
≥ 300 ≥ 200 ≥ 100	82.7	93.3			98.4	98.4 98.5	99.1	99.1	99.1			99.4	99.4	99.4	99.4	99.5
≥ 100 ≥ 0	1	93.3	95,8 95.8	97:7		98,5	99.1	99.1				99.7	99.7	99,7	99.81	00.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ESI						
(FEET)	≥10	≥6	≥5	≥.4	≥ 3	≥2'7	≥2	21%	₄نا≼	≥1	≥ 3,4	≥ 5/8	وا ≤	≥5 16	≥:.	≥0
NO CEILING ≥ 20000	62.1 70.7	63.5	63.7 73.2	63.8 73.2	73.4	73.4	73.4	73.4	64,0	64.0 73.4	7 7 7	73.4	73.4	73.4	73.4	73.4
≥ 18000 ≥ 16000	71.1	73.3	73,7	73.7	73.9	73.9	73,9	73.9	73.9	73,19 74,5	73,9	73.9	73.9	73.9	73.9 74.5	
≥ 14000 ≥ 12000	73.0	75.5	75.9	75.9	76.1	76,1	76,1	76.1	76.1	76.1 79.8	76.1	76.1	76:1		76,1	76.1
≥ 10000 ≥ 9000	79.6	83.8	84.2	84.3	83.3	83.3	83,3 84,5	83.3	83,3	83,3	83,3	84.5	83,3	84.5	83.3 84.5	84.5
≥ 8000 ≥ 7000	82.3 83.1	86.4	84,1		87.2	87.2		86.3	87.3	87.3	87.3	87.3	86.4 87.3	86.4 87.3 88.0	87.3 88.0	87.3
≥ 6000 ≥ 5000	83.5	87.1 88.4	87,7 89.1	87.8 89.3	1 1 1 4		88.0	89.5	89.5	88.0 89.5	89,5	88.0 89.5	89.5	1 1 4 7 1	89.5	89.5
≥ 4500 ≥ 4000 ≥ 3500	84.7 85.4 85.9	88.6 89.4 90.0	90.2	90,4	90.6	89.7 90.6 91.2	89,7 90.6 91,3	90.6	90.6 91.3	90.6	90.6 91.3	90.6	90.7	1 2 7 2	90.7	90.7
≥ 3000	86.3	90.9		92.0	1 1 3 7 3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3 93.4	1 3 7 7
≥ 2000	88.2	93.0	94,0	LITE	94.5	94.5	94,5	13.51	94.9	94.3	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1500	89.1	94.5	95,6		96.2	96.9	96,3	96.3	96,3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	90.0	95.7		97.2		97.5	97,5	97.5	97.5	97.5	97.5	97.5	97.6		97.6	
≥ 800	90.3	96.5	9737	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	198.4	98.4	98.4	98.4	98.4
≥ 600	90-4	2 1	98.8	98.5	98.9	99,6	99,7	99.7	99.7	99.7	99,7	99.7	99.8	99.8	99.8	99.8
≥ 400 ≥ 300 ≥ 200	90.6	97.5		99.3	99.6	99.7	99,8	99.7			99,8	199.8	99.9	99.9	99,9	99.9
≥ 190 ≥ 0	90.7	97.6 97.6	98.9	99.3	99.8	1171	99.9	99.9	99,9	1,00.0	100.0	100.0	100.0	100.0 100.0	100,0	100 · 0

TOTAL NUMBER OF OBSERVATIONS 2813

CEILING VERSUS VISIBILITY

13909 VANCE AFB CKLAHUMA/ENID

42-46-49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							vis	IBILITY (STA	TUTE MILI	ES1						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥21/2	≥ 2	≥1"2	≥1¼	≥۱	≥ 3,4	≥ ⅓	≥ 1/2	≥ 5-16	≥ 14	≥0
NO CEILING ≥ 20000	59.6 69.5	60.0	60.0	60.2		60.3			60.3 70.6		60.3 70.6	60.3	60.3 70.6		60.3 70.6	60.3 70.6
≥ 18000 ≥ 16000	69.6 70.1	70.4	70.5		70.7 71.2	70.7	70,8	70.8	70.8	70.8	70,8 71,3	70.8	70.8	70.8	70.8	70.8
≥ 14000 ≥ 12000	71.5	72.3	72.4		75.9	72.7		72.7	72.7	72.7		72.7	72.7	77.7	72.7	72.7
≥ 10000 ≥ 9000	77.2 78.0	78.4	78.6	79.7	79.8	79.8		79.9	78.9		79.9	79.9	78.9	78.9	79.9	79.9
≥ 8000 ≥ 7000	79.5 80.3	80.8 81.9 83.6	81.1 82.2 83.9	82.4	81.4 82.5 84.2	81:4 82:5 84:2	82,5	82.5	81.4 82.5 84.2		82.5	82.5	84.2	82.5 84.2	82.5	~
≤ 6000 ≤ 5000 ≥ 4500	83.5	86.0	86.4 87.3	86.6	86.7	84.2 86.7 87,6		86.7	86.7	86,7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500 ≥ 4000 ≥ 3500	86.4	89.4	89.8	90.0	90.2	90.2	90.2	90.2		90,2	90.2	96.2	90.2	1 4 4 7 4	90,2 92.1	90.2
≥ 3000	89.8	93.3		94.0	94.1	94.1	94,2	94.2	94.2	9432	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	92.3	96.6	96.9	97.1	97.3	97.3	97,3	97.3	97.6	97,3	97.4		97.4	97.4	97.4	97.4
≥ 1500	93.1	97.6			98.6	98.6	98.6	98.6	98.9	98,9	99,0	98.7			98.7	99.0
≥ 1000	93.4	98.1 98.2	4	1 7 7 7 7	99.3	99.2	99,4	99.3	99.3	99,4	99,4	199.4	99.4	99.4	99.4	99.4
≥ 800 ≥ 700 ≥ 600	93.6	98.3 98.4 98.4	99.1	99.2		99.5	99,6	99.6	* *	99.6	99.5 99.6 99.6	199.5	49.6	99,6		99.6
≥ 500 ≥ 400	93.7 93.7 93.7	98.6 98.6	99.3	99.6	99.8	99.8	99,9	99.9	99,9	99,19	99,9	199,9		99.9	99.9	99.9
≥ 300 ≥ 200	93.7	98.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100,0	100.0
≥ 100 ≥ 0	93.7	98.6	99.4		99.9	99.9	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	F00 • 0

TOTAL NUMBER OF OBSERVATIONS

:2814

USAF ETAC 101 of 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCIETE

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET							VIS	IBILITY (ST	ATUTE MIL	ESı	·			 -		
IFEE	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥2	≥1 2	≥112	≥1	≥ ¾	≥ ⅓	≥ ½	≥5 16	≥ ′•	≥0
NO CEITING ≥ 20000	60.7 72.0	61.3	61.6		61.8	61.8	61,8	61.8		61.8		61.8	100		61,8	
≥ 18000 ≥ 16000	72.1	73.3	73.6	73.8 74.2	73.8	73.8	73.8	73.8	73.8	73,8	73.8	73.8	73.8	73.8	73.6 73.8 74.2	73.8
≥ 14000 ≥ 12000	74,3 77.5	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76,0 79.8	76.0 79.8	76.0	76.0	76.0	76,0	74.2 76.0 79.8
≥ 10000 ≥ 9000	79.2 80.1	81.2	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81,8	81,8 82.6	79.8 81.8 82.6
≥ 8000 ≥ 7000	80.8 81.9	82.9	83.3	83.5	83.5	83.5	83,5	83.5	83.5	83.5	83,5	83.5	83.5	83.5	83,5	83.5
≥ 6000 ≥ 5000	83.9 86.4	86.3 89.2	86.7	86.9	86.9	86.9	86.9	86.9	86,9	86.9	86.9	86.9	86.9	85.9	86.9	86.9 89.9
≥ 4500 ≥ 4000	87.0 89.1	92.3	90,3	90.6	93.0	90.6	90.6	90.6		90.6	90.6		90.6	90.6	90.6	90.6
≥ 3500 ≥ 3000	90.4	93.5	94.3	94.5	94.5	94.5	94,5	94.5	94,5	94.5	94,5	194,5	94.5	94.5	94.5 96.7	94.5
≥ 2500 ≥ 2000	93.4 93.8	97.1 97.7	97.7 98.2	98.0	98.0	98.0	98,0	98.0	98.7	98.0	98.0	198.0	98.0	98.0	98.0 98.7	98.0
≥ !860 ≥ 1500	93.9	97.8 98.1	98.3 98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8 99.1	98.8	98.8	98.8	98.8	98,8	98.8
≥ 1200 ≥ 1000	94.2 94.2	98.2 98.3	98.8	99.2	99.2	99.2	99.2	99.3	99.3	99.3		199.3	99,3	99.3	99,3	99.3
≥ 900 ≥ 800	94.4	98.4 98.6	99.0	99.4	99.4	99.4	99.4	99.5	99.5	99,5		99.5	99.5	99.5	99,5	99.5
≥ 700 ≥ 600	94.4	98.6 98.6	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99:7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500 ≥ 400	94.4	98.7 98.7	99.2	99.7	99.7	99.7	99,7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300 ≥ 200	94.5	98.7 98.7	99.3	99.7	99.8	99.8	99,8	99.9	99,9	0000	100.00	00.0	00.0	00.01	00,01	100.0
≥ 100 ≥ 0	94.5	98.7 98.7	99.3	99.7	99.8	99.8	99.8	99.9	59.9	00,0	00.0	100.7	00.0	00.0	00.0	00.0

USAF ETAC 101 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49275

CFILING							VIS	IBILITY (ST.	ATUTE MILI	ES)						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2¹2	≥ 2	≥11/2	≥1'4	≥1	≥ '₄	≥ >₃	≥ 1/2	≥ 5.16	\$ '₄	≥0
NO CEILING ≥ 20000	67.3 79.8	68.6	68.6 81.7	68.7	68.8	69.0	69.0	69.0 82.1	69.0	69.0 82.1	69.0	69.0	69.0	69.0 82.1	69,0 82.1	69.0 82.1
≥ 18000 ≥ 16000	79.9 80.2	81.8 82.1	81.9 82.1	82.3	82.1 82.3	82.2 82.5	82.2	82.2	82.2	82.2	82.2	82.2 82.5	82.2	82.2 82.5	82.2 82.5	82.2 82.5
≥ 14000 ≥ 12000	81.9 85.1	84.0 87.6	84.0	84.2 87.8	84.2 87.9	84,4	84,4 88,1	84.4	84.4	84.4	34.4 88.1	84.4	84.4	84.4	84,4 88.1	84.4
≥ 10000 ≥ 9000	86.6	89.2	89.3	89.5 89.7	89.7	89.7	89,7	89.7 89.9	89.7	89.7	89.7 89.9	89.7	89.7 89.9	89.7 89.9	89.7 89.9	89.7 89.9
≥ 8000 ≥ 7000	87.7 88.5	90.5	90,6	90.8	90.9	91.0	91,0	91.0	92.1	91,0 92.1	91.0	92.1	92.1	91,0 92.1	91.0 92.1	91.0 92.1
≥ 6000 ≥ 5000	90.2	92.7	92.8 94.0	94.1	94.3	93.2	93.2	93,2	94.4	93.2	94.4	94.4	94.4	93.2	93.2	93.2
≥ 4500 ≥ 4000	90.7	95.5	95.8	94.9	95.0 96.2	95.2 96.3 96.7	95,2	95.2	95.2	95.2 96.4 96.8	95.2 96.4 96.8	95.4	96.4	96.4	96.4	95.2
≥ 3500 ≥ 3000 ≥ 2500	92.4	96.5	96.2	97.1	97.2	97.4	97,4 98.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 2000	92.8	97.2	97.7	298 • O	98.1	98.3	98.4	98.3	98.3	98.2	98.3	98.3	98.3	98.3	98.3	98.4
≥ 1500	93.0	97.6	98.1	98.4	98.6	98.7	98,8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	93.1	97.8	98.4	98.7	98.8	99.0	99.0	99.0	99.0		1.77	99.0	99.1	99.1	99.1	99.2
≥ 800	93.1	97.9	98.6		99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99,3	99.3
≥ 500	93.1	97.9	98.6	98.8	99.0	99.1	99,2	99.2	99.2	99,3	99.3	99.3	99.3	99.5	99.4	99.4
≥ 400	93.1	98.1	98.7 98.8	99.0		99.3	99,3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99,3	99.6
≥ 200	93.1	98.1	98.8	99.0	99.2	99.4	99,5	99.5	99,5	1177	99,6	199.6	99.8	99.8		99.9
≥ 0	93.1	98.1	98.8			99.4	99.5	99.5	99.5			99.6		99.8	99.8	-

CEILING VERSUS VISIBILITY

1

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75

CEILING							VIS	IBILITY (ST.	ATUTE MIL	cS,						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥21/2	≥ 2	≥11/2	≥1'4	≥1	≥ 14	≥ %	≥ ½	≥5 16	≥14	≥0
NO CEILING ≥ 20000	74.1 81.1	76.9 84.7	76.9 84.7	77.1	77.1 85.0	77.1 85.0	77,2	77.2 85.1	77.2 85.1	77.2 85.1	77.2 85.1	77.2	77.2	77.2 85.1	85.1	77.2 85,1
≥ 18000 ≥ 16000	81.2 81.4	84.8 85.1	84.8 85.1	35.1 85.4	85.2 85.4	85.2 85.4	85.2 85.5	85.2 85.5	85.2 85.5	85.2 85.5	85.2 85.5	85.2	85,5	85.2 85.5	85,5	85.5
≥ 14000 ≥ 12000	82.7 85.3	86.5	86.5 89.2	86.8	89.6	86,8	86,9		86.9			:86.9 : 59 .6		86.9 89.6		89.6
≥ 10000 ≥ 9000	87.0 87.2	91.2	91.2	91.5	91.7	91.5	91,6	91.8	91.6 91.8	91,8	91,6	191.6	91.6	91.8	91,8	91.6
≥ 8000 ≥ 7000	87.9 88.3	92.7	92.4 92.7		93.1	92.7	92.8	92.8	93.2	92.8	92.8	192.8	93.2	92.8	92.8	92.8
≥ 6000 ≥ 5000	89.3	93.8 94.8	93.9 94.9 95.3	94.3	95.4	95.4	95,4		95.4	95.4	95.4	95.4	95.4	95.4	94,4	94.4 95.4
≥ 4500 ≥ 4000 ≥ 3500	90.1 90.6 91.0	95.8	96.0		95.8 96.5 97.1	95.8 96.5 97.1	95.8 96.6 97.2	95.8 96.6 97.2	95.8 96.6 97.2	96.6	96.6	95.8	96.6	95,8	95.8 96.6 97.2	
≥ 3000	91.6	97.3 97.8	97.5	97.9	98.1 98.7	98.1 98.7	98.2	98.2 98.7	98.7	98.2 98.7	98.2	98.2	98.2	98.2	98.2 98.7	98.2
≥ 2000	92.0	98.0	- 7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	92.0	98.1	98,4	98.8	99.0	99.0		99.0	99.0	99.0				99.0		99.0
≥ 900	92.1	98.2	98.6		99.2	99.2	99.2	99.3	99.3		99.3	99.3	99.3	99,3	99,3	99.3
≥ 800 ≥ 700 ≥ 600	92.2			, , , , , ,		99.3	99.5	99.5			99,7		99.5	99.7	99.7	99.5
≥ 500 ≥ 400	92.2		99,0	99.4	99.6	99.4	99,7	99.8	99.8	99,8	99,9	99.7			1 ' -	
≥ 300 ≥ 200	92.2 92.2 92.2	98.6	99.0	99.4	99.7	99.6	99,7 99,8 99.8			99,9	100,0	100.0	100.0	100.0	100.0	
≥ 100 > 0	92.2	98.6	99,0	99.4	99.7	99.7	99,8	99.8		19939	10000	100.0	100.0	100.0	100,0	100.0

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

42-46,49-63,65,72#75

PERCENTAGE FREQUENCY OF OCCURRINCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (STA	ATUTE MILE	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥ 2	≥1'2	≥114	≥i	≥ 34	≥ 5⁄4	≥ 2	≥5 10	≥ '•	≥0
NO CEILING ≥ 20000	73.1 77.0					76.0	76,0	80.3	76.0	80,3	76.0 80.3			76.0 80.3	80.3	80.4
≥ 18000 ≥ 16000	77.8	80.4 81.0	80.5 81.0	80.5	انت مسا	80.6 81.1	80,6 81,1	80.6 81.1	80,6 81:1	80,6 81:1	80,6 81,1	80.6	80.6	80.6 8111	80,6 81.1	81.2
≥ 14000 ≥ 12000	79.9	1 - 7 - 7	83.1 85.4	83.1 85.5	83.2 85.6	83.2 85.6	83,3 85,7	83.3 85.7	83.3 85.7	83.3 85.7	83,3 85,7	83.3	83.3	83.3 85.7	83,3 85.7	85.7
≥ 10000 ≥ 9000	84.4	1	88.4	88.5	88.5	88,5	88,7 89,6	88.7 89.6	88.7	88,7 89,6	88.7 89.6	88,7	89.6	89.6	88.7 89.6	89.7
≥ 8000 ≥ 7000	86.5 87.6		90.7	90.7	90.8	90.8	90.9	90.9	90.9	90×9 92×4	90.9	90.9	90.9	90.9	90.9 92.4	92.4
≥ 6000 ≥ 5000	88.2 88.5	92.8	93,0	93.9	93.1 94.0	93.1	93.2	93.2	93.2	93.2 94.1	93.2	193.2	93.2	93.2 94.1	93.2 94.1	94.2
≥ 4500 ≥ 4000	88.8	94.0	94.2	94.3	94.3	94.3	95,3	94.4	94.4	9494	9444	95.3	94.4	9444	94.4	95.3
≥ 3500 ≥ 3000	89.4	1	1 11 7 1	95.3	95.3 96.0	95.3	95,4	95.4	95.4 96.1	95,4 96.1	95,4	95,4 96.1	95.4	95.4 96.1	95.4 96.1	95.5 96.2
≥ 2500 ≥ 2000	90.1 90.2	95.8 96.2	96.0	1 44 7	1 1	96.3	96,5	99.5	96.5	9695	96,5 97.4	96.5	96.5	96,5 97.4	96,5 97.4	97.5
≥ 1800 ≥ 1500	90.4	96.7	96.9	97.2	97.4	97.4	97,6	1 7 7 7 7	97.6	9737	97.7	97.7	97.7 97.9	19737	97,7 97,9	97.8 98.0
≥ 1200 ≥ 1000	90.8		97.5 97.6	97.9	1 2 4 4	98.0	98,3 98,4	98,3 98.4	98.3 98.4	98,4 98,5	98,4 98,5	98.4	98.4 98.5	98.4	98.4 98.5	98.4 98.5
≥ 900 ≥ 800	90.9	97.2	97.6 97.6	97.9		98.1	98,4	98•4 98•4	98,4 98,4	98,5 98,5	98,5	98.5	98.5	98.5	98.5	98,5
≥ 700 ≥ 600	90.9	97.5	97.7	98.0	98.5	98,4	98.7	98.7 98.9	98.7	98.8 98.9		98.8	98.8	78.6 98.7	98,8 98.9	98.8 99.0
≥ 500 ≥ 400	91.0 91.0	1 7 . 7 . 1	98.0 98.1	98.4	98.8 99.0	98.8	99,2	99.4	99.4	99.2	99.2	99.2	99.2	99.2	99,2	
≥ 300 ≥ 200	91.0	97.8				99.0	99,4 99,6		99.4	99,5	99,5	99.7	99.5	99.7	99,5	99.8
≥ 100 ≥ 0	91.0	1 1 1 7 7 7		99.0			99,7 99,7	9947	99.7	99,9		99.9 99.9	99,9	99.9		100.0 100.0

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46-49-75

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	SIBILITY (ST	ATUTE MIL	.ES>						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2 2	≥ 2	≥1½	≥11⁄2	≥1	≥ 1/2	≥>,	≥ '2	≥5 16	≥'4	≥0
NO CEILING ≥ 20000	66.7 70.1	70.8		71.3	71.6			71.7	71.7	71.7		71.7 75.8	71.7	71.7 75.8	71,9	
≥ 18000 ≥ 16000	70.2 70.9	74.7	75.2 75.9	75.4 76.1	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8		75.8	76.0 76.7	76.0 76.0 76.7
≥ 14000 ≥ 12000	72.8 76.2	77.6 81.3	78.1 81.8	78,4 82.0	78.6 82.3	78.6	78,7 82,3	78.7	78.7	78,7	78,8	78.8	78.8	78.8	78,9 82.5	78.9 82.6
≥ 10000 ≥ 9000	79.1 80.1		85.1	85.3 86.3	85.6 86.6		85,6	85.7 86.7	85.7	85,7	85,8	85.8	85.8	85 8 86 8	85,9	85.9 86.9
≥ 8000 ≥ 7000	81,1 82.4	86.9	87.4	87.7 89.2	87.9	89,5	88,0 89.6		88.0 89.6	88.1	88,1	88.1	88.1	88.1	88.2	88.3
≥ 6000 ≥ 5000	84.2	89.0 90.5	9111	89.8	90.1	90.1	90/2	90.2	90,2	90.2	90,3		90.3	90:3	90,4	90.5
≥ 4500 ≥ 4000	84.5	90.9	91.6	91.8	92.2 93.2	92.2 93.2	92,2	92.2	9242	92,3	92,3	92.3	92.3	92.3	92.5	92.5
∴ 3500 ≥ 3000	85.7	92.4	94.0	93.4	93.8	93.8	93,9	93.9	93.9	94.0 94.8			94.0	94.0	94,1	94.2
≥ 2500 ≥ 2000	86.5	94.0	94,2	95.1	94.9	94.9	95,0 95,6	95.7	95.0	95.1		95.1		95.1	95.3	95.3
≥ 1800 ≥ 1500	86.9 87 <u>42</u>	94.1	94.8	95.2	95.6	95.6	95,7	95.8	95.8	95.9	95.9	95.9		95.9	96.1	96.1
≥ 1200	87.4	94.9	95,7	96.5	96.5	96.9	97.1	95.7	96.7	96,8	96.9	96.9	96.9	96.9	97.0	97.1
≥ 900 ≥ 800 ≥ 700	87.7 87.8 87.9	95.4 95.5 95.7	96.3 96.4	96.8	97.1	97.2	97,2	97.3 97.5	97.5	97.5	97.5	97.5	97,5	97.5		97.7
≥ 600	87.9	95.8	96.7	97.1	97.5	97.5	97.7		97.9		98.1		98.0	98.0	98.1 98.2	98.2
≥ 500 ≥ 400 ≥ 300		96.0	97.1	97.8	98.4	98.4		98.6	78,4	98,3	98,9	98.9		98,5		98.7
≥ 200	88.0	96.0	97.2	98.0	98.7	98.7		99.0	99.0	99,1	99.3	99.3	99.2		99.5	99.4
2 0		96.0		1177	98.9	98.9	99.1	99.3	99.3			99.5	1 7 7 7		99.81	

CEILING VERSUS VISIBILITY

13909 VANCE AFB DKLAHDHA/ENID .42-46,49-75

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VIS	IBILITY (ST.	ATUTE MIL	E\$1						
FEET	≥10	≥6	≥ 5	≥4	≥3	≥2'7	≥ 2	≥1 /2	≥1.4	≥1	≥ 3/4	≥ %	≥ %	≥ 5 16	≥ ′₄	≥0
NO CEILING ≥ 20000	54.8 60.8	59.7	60.9			62.2	62,3		69.3					62.7	62.7	
≥ 18000 ≥ 16000	60.9 61.4	66.9	67.8	68.6	69.5	69.1	69,3		70.0	69.6 70.1	69.6 70.1			69.7	67.8	
≥ 14000 ≥ 12000	62.3	72.1	73.5	70.3	70.7		Y	71.0	7111	71.2	71.3	71.3	71.4	71.4	71.4 75.6	71.5
≥ 10000	70.0	77.4 78.8			80.3	80.4	80,6 82:1	80.7 82.2	80.8	82,5	82.5	81.0		ITTT	81.2 82.7	81.3 82.8
≥ 8000 ≥ 7000	72.8	81.0 82.7	82,6 84,5	85.6			84.4			86.7		84.8		86.9	86.9	
≥ 6000 ≥ 5000	75.3	84.0 85.4	85.7	88.3			89.1	89.2	89.3	89.5	89.6	88.0	89.7			88.3
≥ 4500 ≥ 4000	77.0		87.9 88.4	89.8			90.8	90.9	91.0		91.3	91.3	91.4	91.4	90,6	90.7
≥ 3500 ≥ 3000	77.8	87.1 88.1	90.1	91.5		91.3	92.7	92.8		93.1	93 1	91.9	92.1	93.3	92,1 93,3	1 7 7 7 1
≥ 2500 ≥ 2000	78.9 79.3	88.7 89.1	91.2	92.7	92.9		93,9	94-1	94.1	94.3	94.4	93.7	93.8	94.5	93.9 94.6	94.6
≥ 1800 ≥ 1500	79.4	89.7		93.3	17731	94.2	94,5		94.7	94,9	9500	94.5	94.6	94.6	94,7 95.2	94.8
≥ 1200 ≥ 1000		90.4	92.5	94.2	95.0		95,5	95.6	95.2 95.7	95.9	96 . C	96.0			95,6 96,1	96.2
≥ 900 ≥ 800	80.7	91.0	93.2	94.9	95.9	95.4	96.4	96.3		96.8	96.9	96.9				
≥ 700 ≥ 600	81.0	91.6			96.8	96.4	97,3	97.5	97.0 97.6	97.8	97,9	97.3	98.0	98.0		97.5
≥ 500 ≥ 400	81.2 81.3	91.8	94,1	96.3		97.8	98,3	98.4	98.5	98.8	98.4 98.9	98.9		99.0		99.1
≥ 300 ≥ 200	81.3	91.9	94,2				98.7	98.9	99.0	99,2	99.5	99.5	99.4			99.8
≥ 100 ≥ 0	81.3	91.9	94.2		- 1 T - 7	98.3 98.3				99,5		199.6	99.7			100.0

TOTAL NUMBER OF OBSERVATIONS

.2743

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (STA	ATUTE MILI	ES:						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2'2	≥2	≥1'7	≥1′₄	≥1	≥ 34	≥3:	≥ 1/2	≥ 5 16	≥ ′4	≥0
NO CEIUNG ≥ 20000	61.7	64.2 70.9	64.6 71.4	64.7	64.8	64.8 71.7	64.8		64.8	64.8		64.8 /71.7	64.8	المستثنديا	64.8 71.7	71.7
≥ 18060 ≥ 16000	68.6 69.0	71.7	72,1 72.5	72.3	72.8	72.4	72.4	72.4	72.4	72.4	72.4 72.9	72.4	72.4	72.4	72.4	72.9
≥ 14000 ≥ 12000	70.4	73.7	74,1	74.3	74.4	74.4	74.4	74.4 77.8	74.4	77.9	77.9	74.5	77.9	77.9	74.5	74.5
≥ 10000 ≥ 9000	77.5 78.8	81.7 83.1	83.6	82.5	84.0	82.5	84,1	8411	82.6	84.1	84.1	84.1	84.1	84,1	84.1	82.6 84.1 86.0
≥ 8000 ≥ 7000	81.4	84.9	85,6 86,8	87.2	86.0 87.3	86.0 87.3	86,C	87.3	86.0 87.3 38.8			87.3	87.3 88.8	87.3 83.8	87.3 88.8	87.3 88.8
≥ 6000 ≥ 5000	82.7 83.2 83.4	87.6 88.2 88.6	88.9		89.4	88.8 89.4 90.0	88.8 89.5 90.0	89.5	89.5 90.0	89.5	89.5		19.5	89.5	89.5	89.5
≥ 4000	84-1	89.4	90.1	90.7	90.8		90,8	90.8	90-8	90.9	1 - 7 5 - 1		90.9	90.9	90.9	
≥ 3000	85.0 85.5	90.6	91,3	92.0	92.1	92.1	92,2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	86.2	92.2	93.0	93.8	93.9	94.1	94.0	94.0		94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	87.1	93.5		95.8	1 1 7 7 21	95.3	95,4	95.4	95.4	95.4	95,4	95.4	95.4	95.4	95.4	95.4
≥ 1000	37,9 88.2	94.9	96,1	96.6	97.4	96.9	97,0	97.5	97.5	97,5	97,0	97.5	97,5	97.5	97.0	97.5
≥ 800 ≥ 700 ≥ 600	88.4			1 117.	98.7	98.7	98,8		98.8	98,8 98,8	98.1 98.8 99.2	98.1	98.1 98.8 99.2	98.1 98.8 99.2	98,8 99.2	
_ 500 ≥ 400	88.9	96.4	97,5	98.9	99.2	99.0	99,4	99.2	99.2	99.5	99,5	99.5	99.5	99.5	99.6	99.6
≥ 300 ≥ 200	89.0 89.0	96.5		99.1		99.5	99,7	99.8	99,8	99.5	99.9	99.9	99,9	99.9	100.0	100.0
≥ i00 ≥ 0	89.0 89.0	96,5	97.6	99.1	99.5	99.6		99,8	99,8	100%0	100.0	100.0	100.0	100,0	100,0	100.0

CEILING VERSUS VISIBILITY

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13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥212	≥ 2	≥15	≥1.	≥;	≥ 14	≥34	≥ '2	≥5 16	≥ '4	≥0
NO CEILING ≥ 20000	50.3 68.0		62.2 70.0	70.1	70.1	62.3 70.1	70.1	70.1	62.3	70.1	70.1	62.3			62.3 70.1	62.3 70.1
≥ 18000 ≥ 16000	68.7 69.2		70.7	70.8	71.4		70.8	71.4	71.4	71.4	71.4			70.8	70,8 71.4	70,8
≥ 14000 ≥ 12000	70.8	76.1	72,9	76.4	76.4	76.4		76.4	76.4		78.4	76.4		76.4	73,0 76.4	76.4
≥ 10000 ≥ 9000	76.8 77.9	80.4		80.7	80.7	80.7		79.5	80.7	1 1 7 2	79,5	79.5	80.7	80.7	79,5	80.7
≥ 8000 ≥ 7000	79.4 80.7	83.6	82.5	84.1	82.6 84.1	84.1	84.1	82.6 84.1	84.1	84.1	84.1	84.1	82.6	84.1	82,6	84.1
≥ 6000 ≥ 5000	82.1	85.2	85,5 87,4	87.6	87.6		87.6	87.6	87.6	87,6	87.6	87.6	87.6			87.6
≥ 4500 ≥ 4000	84.5 86.1	8777	88,0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2				90.2	90.2
_ 3000	87.2 88.7	92.5	92.7	93.2	93.2	91.3	91,3	93.2	93.2	93.2	93.2	91.3	91.3	93.2	91,3	91.3
≥ 25CO ≥ 2000	90.8	95.1	93,8 95,5	96.1	96.2	96.2				96.2	96.2			94.3	94,3	96.2
≥ 1800 ≥ 1500	91.1		95.9	9747	97.7	97.7			96.7	97%7	97,7	97.7	96.7	97.7	96.7	96.7 97.7
≥ 1200 ≥ 1000	92.4		98.2	99.0		99,1	98,3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	98,3 99,1	98.3
≥ 909 ≥ 800	92.5	98.0		99.3		99.2	99,3	\$9.5	99.5	99,5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 760 ≥ 600	92.6	98.1	98,5 98,5	99.5	99.7	99.7	99,7	99.8		99.8	99.8	99.7	99.8	99.8	99,8	99.8
≥ 500 ≥ 400	92.6	98.1	98,6		99.8	99.8	99.9	100.0	100-0	100.0	100.0	100.0	100-0	99.9	100.0	100.0
≥ 300 ≥ 200	92.6	98.1		99.6	99.8	99.8	99,9	100.0	100-0	100.0	100.0	100-0	100-0		100.0	100.0
≥ 100 ≥ 0	92.6			99.6	99.8			100.0 100.0	100-0 100-0	100,0	100-0	100-0 100-0	100 <u>°0</u>	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46-49-75

CEILING							VIS	BILITY (ST	ATUTE MIL	ESı						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥212	≥ 2	≥1 ⁄2	≥11/4	≥1	≥ 34	≥ 2/4	≥ 15	≥ 5 16	≥'₄	≥0
NO CEILING ≥ 30000	64.2 74.0	65.4 75.6	1 2 3	65.6		65.6	65,6	65.6	65.6 75.8	65.6		45.7				1 1
≥ 18000 ≥ 16000	74.6 75.0	76.1	76,3 76.8	76.5	76,5 77.0	70.5 77.0	75.5	76.5 77.0	76.5 77.0	76,5 77.0	76.5 77.0	77.0	76.5	76.5 77.0	76,5 77,0	76,5 77.0
≥ 14000 ≥ 12000	76.7	78.2 80.9	78.5 81:1	78.6	78,6	78.6	78,6	78.6 81.3	81.3	78,6	78:7 81:4	78.7	78,7	78.7 81.4	78,7 81.4	78.7 81.4
≥ 10000 ≥ 9000	81,3 82.2	83.2 84.2	83.5	83.7	83.7	83.7	84,6	83,7	84.6	83,7 84,7	83.7	83.7	84.7	84.7	83,7	84.7
≥ 8000 ≥ 7000	83.7 85.1	87.4	87.7	88.0		88.0	88,0	88.0		86.3	86,3	88.1	88.1	86,3	88.1	88.1
≥ 6000 ≥ 5000	86,9	89.5 91.6		90.1	90.1	90.1	90,1	90.1	90.1	90,1 92,4	90,2	92.4	92.4	90.2	90.2	90.2
≥ 4500 ≥ 4000	90.5	92.1 93.6 94.3	92.5	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.1	94.7	94.7	94.7	93.1	94.7
≥ 3500	91,2 92,2 92.7	94.3 95.5 96.2	96,0	95.3	95.4	95.4 96.6 97.3	95,4	م` محما	95.4	9555 9637 9734	95.5 96.8	95.5	96.8	96.8	96.8	96.8
≥ 2500 ≥ 2000 ≥ 1800	93.3	97.0	97.6	98.2	98.3	98.3	97,3 98,3 98,5	98.4	97,3 98.4 98.5	98.4	97,5 98,5	98.5	98.5	98.5	98.5	98.6
≥ 1500	93.5	97.3	1 : : •	98.4	78.6	98.8	98.6		98.6	98.7	98.7	98.7	98.8	98.8	98,8	98.8
≥ 1000	93.8	97:7	98.4	99.0	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99,4	99.5
≥ 800	93.9	97.8	98.4	99.1	99.3	99.4	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6
≥ 600	94.0	98.0		99.3	99.5	99.5	99,5	99.5	99.6	99.7	99.8	99.7	99.8	99,8	99,8	
≥ 400	94.0		98.7	99.4	99.6	99.6	99,7	99.8	99.8	99.8	99.9	99,9	99.9	99,9		100.0
≥ 2(2)	94.0	98.1	98.7	99.4	99.6		99,7	99.8		99,8		99.9	99.99			100-0
≥ 0	94.0	98.1	98.7	99.4	1 – –		99.7	99.8	99.8	99.8		99.9		99.9	100.0	100.0

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENIO

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							ViS	IBILITY (ST)	ATUTE MILI	E\$)						
,FEET	≥10	≥6	≥5	≥ 4	≥3	≥21⁄2	≥2	≥1:	≥1.	≥1	≥ 4	≥'•	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	70.6	72.9 82.7	73.1 83.0	83.2		83.2	83,2					73.3 83.2	83.2	83.2	83,2	83.2
≥ 16000 ≥ 16000	80.6	83.1 83.4	83.4 83.7	83.5 83.9		83.6	83,9	83.9			83.6 84.0	83.6		83.6 84.0	83.5	83.6
≥ 14000 ≥ 12000	84.2	84.8 87.2	85.1 87.5		85.3 87.7	85.3 87.7	85,3	87.7	87.7	85.3 87.8	85,3 87,8				85.3 87.8	85.3
≥ '0000 ≥ 9000	86.8	90.2	89,9 90,6		90.8		90.9		90.9		90.9	90.9	90.9	90.9	90.2	90.9
≥ 8000 ≥ 7000	87.8 88.5	91.4		92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	92.1	93.2	92.1 93.2 94.5	92.1 93.2 94.5	92.1 93.2 94.5
≥ 6000 ≥ 5000	90.9	93.6 95.2 95.4	95.6	95.8	96.0		94.4	95.0		94,5 96,1 96,4	96.1	94.5 96.1 96.4		96.1	96.1	96.1
≥ 4000 ≥ 3500	91.6	96.2	96,6		97.0	97.0	97.2				97.2	97.2	97.2	97.2	97.2	
≥ 3000	92.4	97.0	97,5	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.3	1 1 7 1	98.3	98.3
≥ 2000	92.6	97.6	98.2	98.6	98.8	98.8	99.0	99.0	99,0		99,1	99.1	99.1	99.1	99.1	99.1
≥ 1500	92.8	97.8 97.9			99.2	99.2	99,2	99.2	99.2		99.3	99.3			99-4	99.4
≥ 1000	92.9	97.9	98.6	99.1	99.4	99,4		99.5	99,5	99,6	99.6	99.5	99.6	99.6	99,6	99.6
≥ 800 ≥ 700 ≥ 600	92.9		98.6	99.1	99.4	99,4	99,6	99.6	99.6	99.6	99,6		99,7	99.7	99.7	99.7
≥ 500 ≥ 500 ≥ 400	93.0 93.0		98.8	99.3		99.6	99,7	99.7	99.7		99.8		99.9	99.9	99,9	99.9
£ 300 ≥ 200	93.0	98.1	98.8	99.4	99.6	99.6	99,8	99,8	99,8	99,9	99.9	199,9	10020	100-0	10050	100.0
≥ 100 ≥ 0	93.0	98.1	98.8	99.4	99.6	99.6	99,8	99.8	99.8	99.9	99.9	99.9	-00-0		100.0	100.0

.2470

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75

CEILING							VI\$	IBILITY STA	ATUTE MIII	ES	,					
FEET	≥10	≥6	≥ 5	≥ 4	≥3	د ^ر 22	≥ 2	≥1'2	≥1'₄	≥1	≥ 14	≥ >₀	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	75.7 81.6	78.1 84.2	78.3 84.3	78.4 84.4	78.4 84.4	78,4 84,4	78,4 84.5	78.4 84.5	178.4 84.5	78,4 84,5	78,4 84,5	78.4 84.5	78.4	73.4	78.4 84.5	84.5
≥ 18000 ≥ 16000	81.9 82.3	84.5	84.7 85.1	84.8 85.2	84.8	84.8	84.8 85.2	84 • 8 85 • 2	84.8	84.8 85.2	84,8 85,2	85.2	84.8 85.2	84.8 85.2	84.8 95.2	85.2
≥ 14000 ≥ 12000	83.5 85.2	86.2 88.1	86,3 88,3	86.4 88.4	86.4	86,4	86,5 88,5	86.5 88.5	86.5	86,5	86,5 88,5	88.5	86.5	86.5	86,5 88.5	88.5
≥ 10000 ≥ 9000	87.8 88.2	90.9	91,1 91,5	91.2	91.2 91.5	91,2 91,5	91.2	91.6	91.2	51.2 91.6	91.2 91.6	91,2	91.2 91.6	91.2 91.6	91.2 91.6	91.6
≥ 8000 ≥ 7000	89.3 90.1	92.5	92.7	92.8 93.8	92.8 93.8	92.8 93.8	92,9 93,8	92.9 93.8	92.9	92.9	92.9	92.9 93.8	92.9 93.8	92.9 93.8	92.9 93.8	93.8
_ 6000 ≥ 5000	91.6	94.4	94.6	95.7	94.7 95.7	94.7	94,7	94.7	94.7	94,7	94,7	94.7	94.7	95.8	94.7 95.8	94.7
± 4500 ≥ 4000	91.7 92.5	95.5 96.3	95.8	A . 19	95.8 96.7	95.8	95,9	95.9 96.7	95.9	95.9	95.7	95.9	95.9	95.9	95,9	96.7
≥ 3500 ≥ 3000	92.8	96.7	97,0	97.6	97.1	97.7	97,1	97+1 97+7	97,1 97.7	97.1	97.7	97.7	97.7	97.7	97.1 97.7	97.1
± 2500 ≥ 2000	93.2	97.7 98.0	98,0	98.1 98.4	98.2 98.5	78,2 98.5	98,3		98.3	98.5	98.3	98.5	98.5	98.3	98.3 98.5	98.5
≥ 1800 ≥ 1500	93.5	98.1 98.3	98,4		98.8	98.6	98,6 98.8	98.8	98.6	98,8	98.5	98.8	98.8	98.8	98.6	98.8
≥ 1000 ≥ 1000	93.7 93.7	98.5	-	99.0	99.0	99.1	99,0 99,2	99.0	99,2	99.2	99.2	99.0	99.2	99.0	99,2	99.2
≥ °00 ≥ 800	93.7	98.6 98.6	98.9	99.0		99.1	99.2	99.2	99,2	99.2	99.2	99.2	99.2	99.2 99.2	99.2 99.2 99.4	99.2 99.2
± 700 ≥ 600	93.7	98.6	98.9	99.1	99.2	99.2	99,4	99.4	99,2	99,4	99,4	99,5	99.5	99.5	99.5	99.5
≥ 500 ≥ 400	93.8	98.7		99.4	99.6	99.6 79.7	99,7	99.8	99,7 99.0		99.9	99,9	99.9	99.5	99.9	1 1
≥ 300	93.9 93.9	98.8 98.8	99,2	99.5	99.8 99.8	99.8 99.8	99,9	99.9	99,9	100.0		00.00	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	93.9	98.8		1 1172	99.8	99.8			•	-	100-0	,-				EC

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-60,63,72-75

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY (STA	TUTE MILE	: S)						
FEET	≥16	≥ 6	≥ 5	24	≥ 3	≥ 2 ′⁄2	≥ 2	≥1'2	≥114	≥ı	≥ 34	≥ 5,*	≥ ⅓2	≥ 5 16	≥ '•	≥0
NO CEILING ≥ 20000	72.3 76.7	73.9	74 . 0 78 - 7	74.2 78.8	74.3 78.9	74,3 78.9	74.4	74.5	74.5 79.1	74.7	74,7	74.7 79.3		74.7	74.7 79.3	74.7 79.3
≥ 18000 ≥ 16000	76.8 76.9	78.5 78.7	78.7 78.8	78.6 78.9	78.9	75.9	79.1	79.2 79.3	79.2	79.3	79,3	79.3	79.3	79.3	79.3	79.4
≥ 14000 ≥ 12000	77.7 80.4	8 4	79.7	79.8 82.7	82.8	79,9 82.8	80,1	80.1 83.0	80.1 83.0	83.2	80.3 83.2	63.2	83.2	83.2	80.3	83.3
≥ 10000	81.6	83.7 84.5	84.7	83.9 84.9	84.1 85.1	85.1	84.2 85.3	84.3 85.3	85,3	84.5	84.5 85.5	85.5	85.5	84.5	85.5	84.5
≥ X0 ≥ X0	83.2 83.6	85.5	85.8	86.1	86.3	86.3	86,5	86.5 87.1	86.5	86.7 87.3	86.7 87.3	85.7	87.3	86.7	87.3	86.7
≥ 6000 > 5000	84.2	87,1 88.2	87.4	87.7	89.0	87.9 89.0	88,0	89.2	89.2	89,4	88.3 89.4	88.3	89.4	88.3	88,3	88.3
_ 4500 ≥ 4000	85.3	88.8	89.1 89.9	90.3		89 67 90 • 4	90.6		90.7	90.1	90.1 90.8	90.8	90.1 90.8	90.1	90,1 90.8	90.2
≥ 350U ≥ 3000	86.9	90.2	90.5	91.0 91.8	1777	91.1	91.3	91.3	91.3	91,5	91.5	91.5	91.5	92.4	91.5 92.4	91.6 92.4
≥ 2500 ≥ 7000	87.4	91.8	92.2	92.7	92.9	92.9	93,1	93•1 94•0	93.1	9313	93,3 94.1	93.3	93,3	93.3	93.3 94.1	93.3
≥ 1800 ≥ 1500	87.9	92.5	93.0	93.6	1777	93.8	_ ** -	1 3 4 4 31	94.4	94.6	أم " مُما	94 93	94,3	94.3	94.6	94.3
≥ 1200 ≥ 1000	88.6		93.9	94.6	انت مسا	94.9	95,0		95.1 95.6	95.8		95.8	95.3 95.8	95.3 95.8	95.3 95.8	95.4
≥ 900 ≥ 800	88.8	93.9	95.0	95.3	1 7 7 7 7	95.6	95,8	96.5	95.9	96.6	96.7	95.1	96.1	96.1	96,1 96,7	96.8
2 700 ≥ 600	59.1 89.2	94.5 95.2	95.2	96.0	96.3	96.3	96,6 97,3	96.6	96.6 97.4	96,8 97,6		A	97.6	96.9	96.9 97.6	
≥ 500 ≥ 400	89.2	1 1 7 1		97.3	97.2	97.2	97,5	97.6 98.2	97.6	98.3	97,8 98,5	98.5	98.5	97.8	97.8	97.8 98.5
≥ 300 ≥	89.3 89.4				98.3	98.5	98,8		99.0	99.3	99.4	99.3	99.4	99.4	99.3	99.5
ų	89.4	1 2 7 7 2		1 1.1 -	1 7 7.1			1 - 1				99.7	99.7	است مما		99.8

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	iBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥2⅓	≥2	≥1%	≥11/4	≥1	≥ %	<u> 본</u> %	≥ '5	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	66.1	68.5			69.2	69.2		69.4			69.6	69.6	69.8	69.8 72.9	69.3	
≥ 18000 ≥ 16000	69.0	71.6		72.3	72.4	72.4	72.5	72.6		72.7	72.7	72.7	72.9	72.9	73.0 73.0	73.3
≥ 14000 ≥ 12000	69.7 72.6	72.3	72.7 75.7	73.1	73.1	73.1	73.2	73.3	73.3	73.4	73.5	73.5	73.7	73.7	73,7	74.1
≥ 10000 ≥ 9000	73.9	76.7 77.6	77.1 78.0	77.5	77.6	77.7	77.9 78.8	78.0 78.9	78.9		78.2 79.1	78.2	78.4	78.4	78.4 79.3	78.8 79.7
≥ 8000 ≥ 7000	75.9	79.1 80.3	79.5	79.8	80.0	80.0		80.3	80.3	80,5	80.5	80.5	80.7 82.0	80.7	80.7 82.0	81.1
≥ 6000 ≥ 5000	78.2 79.5	81.9	82.6 84.2	82.9	83.0 84.7	83.1	83,3	83.4	83,4	83,6 85.2	83,6	83.6	83.8	83.8	83,8	84.2
≥ 4500 ≥ 4000	79.5	83.9	84.6 85.4	85.1 85.9	85.2 86.0	85.3	85.5	85.6	85.6	85.7	85,8	85.8	85.9	85.9	86.9	80.4
≥ 3500 ≥ 3000	80.7	85.0 86.1	\$5.8 87.0	86.2 87.6	87.8	86.5	86,7	86.8 88.2	86,8	87.0 88.4	87.0 88.4	87.0	87.2	87.2	87.3	87.6
≥ 2500 ≥ 2000	81.8	86.6	87.4	88.1	88.2	88.3	89,7	88.7 89.9	88.7	88.9 90.1	88.9 90.1	88.9 90.1	99.1	89.1 90.3	89.1	89.5 90.7
≥ 1800 ≥ 1500	83.3	88.7	89.0 89.7	89.7 90.5	90.7	90.0 90.8	91.0	90.3	90.3	90.5	90,5	90,5	90,7	90.7	90.8	91:1
≥ 1200 ≥ 1000	83.9 84.2	90.1	90.6	91.4	91.6	92.6	91.9	92.1	92.1	92.4	92.5	92.5	92.6	92.6	92.7	93.1 93.9
≥ 900 ≥ 800	84.3	90.6 90.6	91.9	92.4	93.2	93.3	93.5	93.7	93.2	93.5	93.5	93.5	94.2	93.7	93.8	94.1
≥ 700 ≥ 600 ≥ 500	84.5	91.5	92.3 92.8 93.1	93.3 93.8	93.7	93.8	94,6	94.2 94.8	94.2	95.0		94.5	94.7	94.7	95,3	95.1 95.7
≥ 400 ≥ 300 ≥ 300	84.6	91.9	93.3	94.8	94.6 95.5 96.0	95.6		95.1 96.2	95.1	95.4	95.5	95.5	95.7	95.7	96,8	96.1 97.1
≥ 100	84.6	92.0	93.6	95.3	96.3	96.2 96.4	96,6	96.8	96.8	97.1	97.9	97.9	98.1	97.5	97,5 98.5	97,9 98.9
≥ 0	84.6	92.1	93.6	95.3	96.3	96.5	97.2	97.6	97.7	98.1 98.1	98.3	98.3	98.5	98.5	98,9 99.01	

TOTAL NUMBER OF OBSERVATIONS_____

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING			·				VIS	IBILITY (STA	TUTE MILE	ES1						
FEET	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥11/2	≥11/4	≥1	≥ 1,4	≥%	≥ ′5	≥5 16	≥ .	≥0
NO CEILING ≥ 20,00	53.5 57.1	56.9 6111	58.0 62.4			59.0	63.8	63.9	59,4 64.0	59,4 64,0				59.4 64.0	59,5 64.1	59.7
≥ 18000 ≥ 16000	37.3 57.5	61.3	62.8	63.4	64.0	64.0	64,2	64.3	64.2	64.4	64.2	64.4	64.4	64.2	64.5	64.7
≥ 14000 ≥ 12000	58.8 62.0	66.6	64,3	65.1	69.2	69.2	69.4		65,8		69.6	65.9	69.6	69.6	69.7	66.2
≥ 10000	65.2	70.4	71.9	71.8	73.2	73.3	72,6	73.6	72.7	72.8	72,8	73.8	73.8	73.8	72.9	74.1
≥ 8000 ≥ 7000	67.5 68.3 69.6	72.8 74.0 75.5	75.6	76.5	77.0	77.1	76,0 77.3 79.0	77.4	77.5	76.2	76.2 77.6		77.6	77.6	77.7	77.9
≥ 6000 ≥ 5000 ≥ 4500	70.6	76.8	78.7	79.9	80.3 80.9	78,8 80.4 81,0	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9	81.6	81.2
≥ 4000 ≥ 3500	71.6	78.1	80.2	81.6		82.2	82.5	82.6	82.7	82.7	8237	92.7	82.7	82.7	82.8	83.6
≥ 3000 ≥ 2500	72.4	79.5	81.6	84.2	82.7	83.8		84.2	84.3	84.3	84.3	84.3	84.3	85.5	84,5	84.7
≥ 2000	73.9	81.3	83.7	85.2	85.8	86.0	86.6	7 7 7 7	86.9	86.6		487.0	87.0		86.8	87.3
≥ 1500	74.5	82.2	84,6	86.1	86.9	87.0	38,7	88.9	89.0		89.1	189.1	89.1	89.1	88,1	
≥ 1000	75.8	84.5	87.2	88.4	89.3	89.4	90,4	90.7	90.3	1 475 -		190.9	90.9	1 1 7 7 1	91.0	91.3
≥ 300 ≥ 700 ≥ 600	76.4	1 . 7 1	88.7	90.5	91.4	91.5		92.5	92.6		92.7	\$2.7	92.7	92.7	91.9 92.8 93.6	93.1
≥ 500 ≥ 400	76.8 76.8	86.0 86.4 86.6	89.4	91.4	92.5			94.1	93.3 94.2 95.5	9444			94.4	93.4 2464 95.7	94,6	
≥ 300 ≥ 200	76.8	86,8	90.0	92.4	94.1	94.3	95,3	96.0	96.4	96,7	96,8	96.8	96.8	96.8	97.0	97.4
2 1u0 2 0	76.8		90.1	92.6	94.4	94.6	95,7	96.6	97.0	97.5		197.7	98.1	98.2	98,6	

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46,49-75

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	IBILITY (ST)	ATUTE MILI	ES)						
FEET,	≥10	≥6	≥5	≥ 4	≥.;	≥2'?	≥ 2	≥11⁄2	≥1′₄	≥1	≥ 14	≥,•	≥ '2	≥5 16	≥'.	≥0
NO CEILING ≥ 20000	56.8 62.1	58,4 64.3	58,6 64.5	7 . 7 . 1	58.8 64.8		58,8 64,8		58,8 64.8		58.8 64.8	58.8 64.8	58.8	58.8 64.8	58.8 64.8	58.8 64.8
≥ 18000 ≥ 16000	62.5	64.7	64,9	65.0	65.2	65.2	65,2	65.2	65.2 65.3	65,2	65.2	65.2	65.2	65.2	65.2 65.3	65.2
≥ 14000 ≥ 12600	66.6	69.2	69.4	69.5	66.7	66.7	66,7	69.7	66.7	69.7	69.7	66.7	66,7	66.7	69.7	66.7
≥ 10000 ≥ 9000	69.1 70.1	71.9	72.2	72.3	72.5	72.5	72,5	72.5 73.6	72.5	72.5	72.5	72.5	72.5	72.5	72.5 73.6	72.5
≥ 8000 ≥ 7000	71.6	75.0 75.7	75.4	75.5	75.7	75.7 76.5	75.7	75.7	75.7	75.7	75.7 76.5	75.7 76.5	75.7 76.5	75.7	75.7 76.5	75.7 76.5
≥ 6000 ≥ 5000	73.0 73.8	76.6 77.8	77.1	77.2	77.5	77.5 78.8	77,5 78.8	77.5 78.8	77.5	77,5 78.8	77.5	77.5	77.5	77.5 78.8	77,5 78,9	77.5
≥ 4500 ≥ 4000	74.2	78.2 79.1	78,9	79.0 80.1	79.3	79.3	79.3	79.3 30.3	79.3	79,3 80.3		79.3	79.3	79.3	79.3	79.3
≥ 3500 ≥ 3000	75.3 76.3	79.5	80.3 81.5	80.5 81.8	80.8	80.8	80.9	80.9 82.1	80,9	80.9 82.1	80.9 82.1	80.9	80.9	80.9 82.1	80.9 82.2	80.9
≥ 2500 ≥ 2000	77.2 78.1	82.0 83.1	82.8	83.1 84.3	93.4	83.4	83,4	83,4	83,4	83.4	83,4	84.7	83,4	83.6	83,5	84.8
≥ 1800 ≥ 1500	78.7 80.1	83.7	84,6		85.3 87.2	85.4	85,5		85.5	85.5	85,5 87,4	85.5	85.5	85.5	85.5	87.4
≥ 1200 ≥ 1000	81.3	86.9 88.8	7 1 7 1	88.5 90.6	89.0 91.1	91.1	89.1 91.2	89.1 91.2	89.1 91.2	89.1 91.2	89.1 91.2	89.1 91.2	89.1 91.2	89.1 91.2	89,2 91,3	89.2 91.3
≥ 900 ≥ 800	82.7 83.1	89.3 90.2	90,5	91.4	91.9	91.9	92,0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92,2 93,2	92.2
≥ 70°) ≥ 600	03.4 82.5	91.1 91.5	92.4		94.1	94.2	94,3	94.5	94.5	94,5	94,5	94.5	94,5	94,5	94,5 95,2	94.5
≥ 500 ≥ 400	83,8 83.8	92.2 92.4	94.0	95.4 96.1	96.2		96,5	96.7 97.8	96.8	96,9 98,1	96.9 98.1	96.9	96.9	96.9	96.9 98.2	96.9
≥ 300 ≥ 200	83.9	92.6 92.7	94,7	96.7 96.8	97.8 97.9	98.0	98.2	98.7	99.1	99.2	99.3	99.3	99.4	99.4	99,4 99.8	99.4
≥ 100 ≥ 0	83.9 83.9	92.7 92.7	94.7	96.8 96.8	97.9 97.9	98.0	98,3	98.9	99.2		99.5	99.5	99.8 99.8	1 1 7 7	100.0 100.0	

CEILING VERSUS VISIBILITY

1

13909 VANCE AFB OKLAHOMA/ENID 42-46-49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG	3						VIS	IBILITY (ST.	ATUTE MILI	ES:	· · · · · · · · · · · · · · · · · · ·					
FEET	≥10	≥6	≥ 5	≥4	≥3	≥2%	≥ 2	≥1'2	≥1′4	≥1	≥ 34	≥ 5,8	≥ %	≥ 5/16	≥ 14	≥0
NO CEILIF ≥ 2000	,		60.6	61.0	61.2	61.2	61.3	61.3	61.3			61.3	61.3	61.3	61.3	61.3
≥ 1800 ≥ 1600		1 66.9	67.2	67.7 67.7	67.8 67.9	67.8 67.9	67.9 68.0	67.9 68.0	67.9	67.9 68.0	67.9 68.0	67.9	67.9	67.9	67.9 68.0	67.9
≥ 1400 ≥ 1200	0 69.	0 70.9	68,7 71.3	69.2 71.7	69.4 71.9	69.4 71.9	69.4	69.4 71.9	69.4	69,4	69.4	69.4 71.9	71.9	69.4 71.9	69.4 71.9	49.4 71.9
≥ 1000	· 72.	3 74.4	73,5	73.9	74.1	74.1	74,2	74.2	74.2	74.2	74,2 75,4	74.2	74.2	74.2	74,2 75,4	74.2
≥ 800 ≥ 700	0 74.	5 77.1	76.4	76.8	77.0	77.0	77.1	77.1	77.1	77.1 78.1	77.1 78.1	77.1	77.1	77.1	77,1 78,1	77.1
≥ 600 ≥ 500	0 76.		78.6	79.0 80.6	79.2 80.8	80.8	79.2 80.8	79.2 80.8	79.2	79,2 80.8	79.2 80.8	80.8	79.2 80.8	79.2 80.8	79.2 80.8	79.2 80.8
≥ 4500 ≥ 4000	0 78.	7 81.9	82.4	83.0		81.6	81,7	81.7	83.2	81.7 83.2	81,7 83.2	81.7 83.2	83.2	81.7	81,7	81.7
≥ 350	0 81.	4 84.9	1	86.1	84.3	84.3	84,4	84.4	86.3	86.3	86.3	84.4	86.3	84,4	84,4	84.4
≥ 2500	0 84.	3 88.4	89.1	87.9	90.0	90.0	90.1	90.1	90.1	90.1	88.1 90.1	90.1	90.1	90.1	88,2 90,1	90.1
≥ 1800 ≥ 1500 ≥ 1200	° 85.	8 90.5	91.3	90.5	90.7	90.7	90,8	90.8	90,8	90,8	90,8	90.8	90.8	90.8	90,8	90.8
≥ 1000 ≥ 900	0 87.	6 93.2	94.2	95.1	94.0	95.3 95.9	94.1 95.4	94.1 95.4 96.0	95.4	95.4	95.4	95.4	95.5	95.5	75.5	95.5
≥ 800	∘ 88.	2 94.2	95.2	96.2	96.5	96.5	96,0 96,6 97.5	96.6	96.6	96:7	96.7	96.7	96.7	96.7	96,7 97.6	96.7
≥ 500	0 88.	6 94.9	96.2	97.5	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.7	98.3
≥ 400	° 88.	7 95.3	96.7	98.1	98.7	98.8	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	∘ 88.	7 95.4	96.8	98,3	99.0	99.0	99.3	99.5	99.6	99,9	99.5	99.9	99.9	99.9	1 2 2 1	99.9
;	0 88.		7.5	1 7 7 7 7 1		99.0	99.3	1 - 7 7	99.6	ام م	99.9		7 :	7777	100.0	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

42-46,49275

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		·					VIS	SIBILITY (ST	ATUTE MIL	.ES)		·				
	≥10	≥6	≥ 5	≥ 4	≥3	≥21⁄2	≥ 2	≥1',	≥114	≥1	≥ 3,4	≥ 1/8	≥ 2	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	62.3 70.1	64.1 72.0	64.4	W . W ~	64.6	64.6	64,7	64.7 72.8	64.7	1			1.2 ***	64.7	64.7	64.
≥ 18000 ≥ 16000	70.5	72.3		73.0		73.1 73.4	73.1	73.1	73.1	73,1	73.1	73.1	72.8	72.8	72.8 73.1	72.
≥ 14000 ≥ 12000	71.9	73.8	74.3 76.8	74.5	74.6	74.6 77.1	74,6	73.5	74.6	73.5	73,5	74.6	73.5	73.5	73.5 74.6	73.
≥ 10000 ≥ 9000	76.3 77.1	78.5 79.5	79.0	79.3	79,4	79.4	79,4	79.4	79.4	77.1	' - ' 77 ' 7	777.1	77.1	77.1	77,1	77.
≥ 8000 ≥ 7000	78.6 79.0	81.0 81.5	81.6	81.8	80.4	80.4	82.0		82.0	80.4	80.4	82.0	80.4	80.4	82.0	80.4
≥ 6000 ≥ 5000	79.8	82.4 84.0	83.0	82.3 83.3 84.8	83.4	82.4	82.4	82.4	82.4	82,4		82.4	83,4	82.4	82,4	82.4
≥ 4500 ≥ 4000	81.5	84.5	85.2	85.4	84.9	84.9	85.0	85.6	85.6	85,6	85.0	85.6	85.0	85.0	85.0	85.0
≥ 3500 ≥ 3000	83.7	87.0 88.8	87.7	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	87.2	88.3	87.2	87.2	87.2
≥ 2500 ≥ 2000	86.1	90.0	90.9	91.3	90.1 31.5	90.1	91,6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800 ≥ 1500	87.8	92.0	93.0	93.5	93.8		93,9	93.4	94.0	94.0	93.5	94.0	94.0	94.0	93.5	93.5
≥ 1200 ≥ 1000	89.1	94.1	95.2	95.8	96.1	96.1	96,3	94.8	96.3	94.8	94.8	94.8	94.8	94.8	96.9	94.9
≥ 900 ≥ 800	89.6	94.9	96.0	96.6	96.9		96,8	96.8	96.9	96.6	37.0 97.2	97.0	97.0	97.0	97.0	97.0
≥ 700 ≥ 600	89.8	95.3 95.5	96.6 96.9	97.1 97.4 97.8	97.3	97.7	97.9	97.5	97.9	97,6		97.6	97.7	97.7	97.7	97.7
≥ 500 ≥ 400	90.0	95.7	97.1	98.2	98.7	98.7	98.4	99.0	98.5	98,6		99.2	98.6	98.6	98.7	98.7
≥ 300 ≥ 200		95.8	97.4	98.4	98.9	99.0	99,6	99.3	99.4	99.5	99,5	99.5	99.6		99.6	99.6
≥ 100 ≥ 0	90.1	95.8	97.4	98.5	99.1	99.1	99,6	99.6	99,7	99.9	99,9	99.9	99.9	99.91	00.01	00.0
	90.1	95.8	97.4	98.5	99.1	99.1	99.6				99.9		- 771	99.91	00.01	00:0

TOTAL NUMBER OF OBSERVATIONS...

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY IST	ATUTE MIL	ES:]
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2'2	≥2	≥1'⁄2	21%	≥1	≥ 1,4	≥ >•	≥',	≥5 16	٤.	≥0
NO CEILING ≥ 20000	67.4 74.4	69.7 77.2	69.9	70.0		70.0 77.5			70.0				70.0		-	
≥ 18000 ≥ 16000	74.7	77.5 77.9	77.8	77.8	77.8	77.9 78.2	77,9	77.9	77.9		77,9	77.9	78.0	78.0	78.0 78.3	78.0 78.3
≥ 14000 ≥ 12000	75.9 78.3	78.7 81.2	79.0	79.0	79.0 81.5	79.1 81.6	79.1 81.6	79.1	79.1	79.1	79.1 81.6	79.1	79.1	79.1	79.1	79.1
≥ 10000 ≥ 9000	80.5	83.7	84.0	84.1 84.7	84.1 84.7	84.1 84.7	84,7	84.1	84.1 84.7	84.1	84.7	84.7	84.2	84.2 84.8	84.2 84.8	84.2
≥ 8000 ≥ 7000	81.8	85.1	85.4 86.4	85.3 86.5	85.5 86.5	85.5 86.5	85,5	85.5 86.5	85.5	85.5	85.5 86.6	85.5 86.6	85.6	85,6	85,6 86.6	85.6
≥ 6000 ≥ 5000	83.6 84.9	87.1 88.4	87,4 88.8	87.5 88.9	87.5	87.5 88.9	87,5	87.5 88.9	87,5 88,9	87,5	87.5 89.0	87.5	87.6	87,6 89,0	87,5	87.6
≥ 4500 ≥ 4000	85.3	89.9		89.4 90.4	90.5	89.5 90.5	90.5		90.5	90.5	89.5 90.5	89.5 90.5	90.6	89.6	89.6 90,6	
≥ 3500 ≥ 3000	86.9	90.7	91.2	91.4	91.4	91.4			91,4	91,5		91.5	91.5	91.5	91.5 93.0	91.5 93.0
≥ 2500 ≥ 2000	88.9	93,2	94.8	94.2	95.3			95.4	94,4	95.5	94,5	94.5	94.6	94.6	95.5	
≥ 1800 ≥ 1500	89.4	94.5	95.3		95.8	95.8 96.6	96,6	96.6	9636	96,7	96.7	96.7	96.7	96.7	96,7	96.7
≥ 1000	90.0	95.7	96.4 96.6	97.0	97.1	97.2	97.2	97.3	97.3	97.2 97.5	97.5	97.2	97.5	97.2	97,2 97,5	97.2 97.5
≥ 900 ≥ 800	90.1	95.8	96.9	97.2	97.5	97.6	97,6	97.7	97.4	97.9	97.9	97.6	97.9	97.6	97.6	97.9
≥ 700 ≥ 600	90.2	96.1	97.2	97.8		97,9 98.0		98.2	98.0	98.3	98.3	98.2	98.4	98.4	98.2 98.4	98.2
≥ 500 ≥ 400	90.3 90.4 90.4		97.5 97.9	98.5	98.7	98.3				99.2	99.2	98.6	99.3	99.3		99.3
≥ 300	90.4	96.8	98.1	98.7	98.9		99,3	99.4	99.4	99.7	99.7	99.7	99.8			99.8
≥ 100	90.4	96.8	1177	98.7) ;		99,3		99.4	99.8				100.0		

TOTAL NUMBER OF OBSERVATIONS

2959

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

CEILING							VI\$	IBILITY (STA	NW STUTA	ES)						
(FEET)	≥10	≥ه	≥ 5	≥ 4	≥3	≥2½	≥2	≥11/2	≥112	≥1	≥ ;₄	≥ 3/8	≥ ?	≥5 ;6	≥ '₄	≥0
NO CEILING ≥ 20000	73.3 78.5	75.6	75.8 81.2		75.9	75.9 81.3	75,9 81,3		75.9	76,0 81,4	76.0	76.0	76.0	76.0	76,0 81,4	76.0
≥ 18000 ≥ 16000	78.8 78.9	81.4	81.5	81.6 81.7	81.6	81.6 81.7	81,6 81,7	81.7	81,7	81.7 81.8	81.7	81.7	81.7	81.7	81.7	81.7
≥ 14000 ≥ 12000	79.6 81.6	82.3 84.4	82,4	82.5 84.6	82.5	82.5	84,6	82.6	84.7	82,6 84,7	82.6	82.6	82.6	82,6 84.7	82,6 84.7	82.6 84.7
≥ 9000	82.7	85.5		85.8 86.2	85.8	85.8	86.3	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9 86.4	85.9
≥ 8000 ≥ 7000	84.0	87.1 88.1	87.3 88.3	87.5 88.4	87.5 88.4	87.5 88.4	88,4	87.5 88.5	87,5	87,6 88.5	87.6 88.5	88.5	87,6 88,5	88,5	87.6 88.5	87.6 88.5
≥ 6000 ≥ 5000	85.9	90.6	90.8	91.0	89.7 91.0	91.0	89,7 91,0	89.8 91.0	91.0	89,5 91.1	91.1	91,1	91.1	91.1	91,1	91.1
≥ 4500 ≥ 4000	87.4	90.9	91.6	91.8	91.8	91,2	91.8	91,3	91.9	91,3	91,9	91.9	91.9	91.9	91,3	91.9
≥ 3500	87.8	91.9		92.3 93.1	93.1	92,3	92,4	93.2	92.4	92.5	93.2	93.2	93.2	93.2	92.5	93.2
≥ 2500 ≥ 2000	89.3	93.8	94.2	95.6	95.6	94.4		95.7	95.7	9425	95.8	95.8	95.8	95.8	93.8	95.8
≥ 1800 ≥ 1500	89.7 89.8	95.3	95.9	96.1	96.1	96.1	95,7	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200 ≥ 1000 ≥ 900	90.0	95.8	96.5	96.8	96.5 96.9 97.0	96.9	96,5 96,9	96.6 97.0 97.1	96.6 97.0 97.1	96,6 97.0 97.2	97.0	96.6 97.0	97.0	97.0	96.6	96.6
≥ 900 ≥ 800 ≥ 700	90.1	96.2	96.9	97.2	97.3	97.3	97,1	97.4	97.5	97.5	97,5	97.5	97.5	97.5	97.5	97.5
≥ 600 ≥ 500	90.6	96.7	97.4 97.7	97.8	97.9	97.9	97,4 97,9 98.2	98.0	98.0	98.1 98.4	97,6 98,1	98.1	98.1	98.1	98.1	98.1
≥ 400 ≥ 300	90.6	97.2	98.1 98.4	98.6	98.7	98.7	98,8	98.9	98.9	99.0	99.5	99.0	99.0	99.0	99.0	99.0
≥ 200	90.6	97.5	98.4	99.0	99.2	99.2	99,4	99.5	99,5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
ž 0	90.6	97.5	1171	99.0		99.2		99.5	99.5	99.8		99.8				100.0

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

42-46-48-60-62-63-69-73-75

CEILING							VIS	BILITY (ST	ATUTE MIL	E\$)						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥ 2	≥1'5	≥1'4	≥!	≥ 14	≥'₃	≥ .	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	69.2 72.8		71.3	71.5	71.8	71.8	71,8 75,8		71.8	71.9	71,9	71.9			72,0 76.0	72.2 76.2
≥ 18000 ≥ 16000	72.8	74.6	75.2	75.5	75.7	75.7	75.8	75.8 76.4	75.8	75.9	75.9	75.9	76.6	76.0	76.0 76.6	76.8
≥ 14000 ≥ 12000	74.2 76.1	76.1	76.7 75.8	76.9	77.2	77.2	77,3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.5 79.5	77.7
≥ 10000 ≥ 9000	77.8	80,6	81.0	81.5	81.5	81.8	81.9	81.6	81.9	81,7 82,1	81.7 82.1	81.7 82.1	82.2	81.8	81.9	82.4
≥ 8000 ≥ 7000	78.8 79.7	82.4	82,2 83,1	82.4	82,7 83.7	82,7 83,7	82,8	82.8 83.8	82.8	83.0 84.0	83,0 84.0	83.0 84.0	84.1	83.1	83,1 84,1	84.3
≥ 6000 ≥ 5000	80.1	83.0	83.7 85.2	84.0	84.3	84.3	84,4		84.4	84,6	84.6	84.6	84.7	84.7	84.7	84.9
≥ 4500 ≥ 4000	81.8	84.9 85.5	85,9	86.2 87.0		86.6 87.4	86,7		86.7 87.5		86.9	86.9 87.8	87,0 87.8	87.0 87.8	87.0 87.9	87.2 88.0
≥ 3500 ≥ 3000	84.2	86.1 87.9	87.3 89.1	87.6 89.5	88.0	88.0	90.0			90.2		90.2	90.3	90-3	90.3	90.5
≥ 2500 ≥ 2000	85.1			91.5	91.9	91.1	91.2	92.0	91,2		92.2	92.2		92.3	91,5	91.7
≥ 1800	85.7	89.9 90.2	91,3 91,7	91.7		92.2	92,3	93.0	92,3		93:2	92.6	93.3	92.6	92,7	
≥ 1200	86.2	90.5 91.1	92.6	93.2	93.4	93.4	93,5	94.2	73.5	93,8 94,4	93.8	93.8	93,8	93.8	93,9	94.1
≥ 900 ≥ 800	86.8	91.5 91.8		94.0	94.9	94,9	94,17 95,1	94.7 95.1	95.1	95.3	94.9	95.3	95.4	95.0 95.4	95,4	95.6
≥ 700 ≥ 600	87.2 87.4	92.4	93,5			95.0	95.7	95.7	95.7	95.4	95.4	95.4		95.5	95.5	
≥ 500 ≥ 400	87.5 87.6	92.8	94.5	94.8	95.8	95.8	96.0	96.3	96.6	96.9	96.9				96.5	97.2
≥ 300	87.6 87.6	92.8	94.7	95.7	96.5	96.9	96,9	97:2	97.2	97:7	97.7	97.7	97.5	97.9	97,5 98,0	98.2
≥ 100	87.6 87.6			95.7	96.7	96.9 96.9	97.4	97.5	97.5	98.1 98.1	98.2 98.2	98.2		98.3 98.4		98.8

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-70,72-75

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	IBILITY (STA	ATUTE MIL	ES:						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2'7	≥ 2	≥1,2	≥1'4	≥1	≥ 14	≥'•	≥ ?	≥5 16	≥ 4	≥0
NO CEILING ≥ 20000	66.0 68.3	69.3	69.9 72.4	70.3 72.8	70.7 73.2	70.8	70,8	70.9	71.0	71.0	71.1	71.1 73.6	71.1	71.1 73.6	71,3	71.9 74.4
≥ 18000 ≥ 1014/0	68.3 68.7	71.8 72.1	72.4	72.8 73.2	73.2 73.6	73.3	73,3 73,7	73.4 73.8	73.5	73.5	73,6 73.9	73.6	73.6	73.6	73.8 74.1	74.4
≥ 14000 ≥ 12000	69.6	73.0	73.6	74.1	74.5	74.6	74,6		74.7 76.6	76.7	74.8 76.7	74.8	74.8	74.8	77.0	75.7
≥ 10000 ≥ 9000	72.8	76.7	77.9	77.8	78.2	78.8	78.8	78.4	78,5	78,5	78,6 79.1	78.6	78.6	79.1	78,8 79,3	79.4
≥ 8000 ≥ 7000	74.2 75.1 75.5	78.0 79.7 80.3	80.3	80.8	81.2	80.2 81.2 81.9		80.3 81.4 82.0	81.4	80,5 81,5	81.6 82.2	81.6	80.5 81.6	81.6	81.8	82.4
≥ 6000 ≥ 5000 ≥ 4500	76.6 76.9	81.9	82.6	83.1	83.5	83.5	81,9 83,6 83,9	1 7 2	83.7	83.8	83.9	83.9	83.9	1 1777	84.4	84.7
≥ 4000 ≥ 3500	77.6 78.1	83.2	83.9	84.5	84.9 85.6	84.9	85.0 85.7	1 1 3 3 3 1	85.1	85.2 85.9	85.2	85.2	85.2	85.2	85.5	86.1
≥ 3000	78.8	35.5	85.7	86.2	86.8	86.8	87.7	86.9	87.9	87.1	87.1	87.1	87.1		87,4	87.9
≥ 2000	80.0	86.5 86.6	87.6	88.2	88.8	89.0	89,1	89.0	89.2	89.1	89.3	89.2	89,2	89.3	89.4	90.0
≥ 1500	81.2	87.2	88,3	89.0	90.3	90,4	90,5	90.6	90.6	90.7	90.0	90.0	90.8	90.8	90,2	90.8
≥ 900 ≥ 800	81.5	88.8	90.1	90.8	91.4	91.3 91.5 92.2	91,7	91.8	91.6 91.8 92.6	91.9	91.7	92.0	92.0	91.7 92.0 92.8	92.0	92.5 92.8 93.7
2 700 ≥ 600	82.5 82.5	90.0	90.8	92.2	93.0		93,2	92.3	93.4	93,5	93.6	93.6	93.6	93.6	93,9	94,5
≥ 500 ≥ 400	83.0	90.8	1 777	93.4	94.2	94,3	94,6	94.7	94.7	94,8	94.9	95.8	95.0	95.0	95,3 96,1	95.9
≥ 100 ≥ 200	83.0 83.1		92.6	94.2	95.1 95.4	95.3		96.0	96.5	96,3	96,4 97,1	96.4 97.1	96.5	96,5	96.8 97.6	
≥ 100 ≥ 0	83.1	91.2 91.2	92,8		95.8	96.0		96.9	97.0	97.6		1 117	98.1	98.1	98.3	99.1 100.0

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46,48-70,72-75

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VIS	IBILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2′2	≥ 2	≥1'7	≥1'.	≥1	≥ 1,4	≥ 5/8	≥ 2	≥ 5 16	≥ '•	≥0
NO CEILING ≥ 20000	58,5 61.9				64.0 68.0	64.0 68.0	64.2		64.2	64.5	64.5	64.5		64.7 68.8	64.9	
≥ 18000 ≥ 16000	62.0	66.7 66.9	67.3 67.5			68.1	68,3 68,5	68 • 4 68 • 6	68.4 68.6	68.6	68.7	68.7	68.9	التأهدا	69.1	69.6
≥ 14000 ≥ 12000	64.5	67.7	70.2	70.8	71.1	69.2 71.1	69,3 71,3	69.4 71.4	71.4	69.6	69.7 71.7	69.7	69,9 71.9	69.9 72.0	70.1	70.6
≥ 10000 ≥ 9000	67.4	71.9	72.5	73.2	73.4	73.5	74.4	73.7	73.7	74.0	74.1	74.8	74.3	75.0	74.5	75.0 75.7
≥ 8000 ≥ 7000	69.6	73.7	75.6	75.1	75.3	75.4	75,6 76.8	76.9	75.6	75.9	76.0 77.2	77.2	77.4	7692	76,4	76.9
≥ 6000 ≥ 5000	70.6	76.0	78.2	77.7	77.9	78.0	78,1		78.2	78.4		78.6 80.0	80.2	80.2	79.0 80.4	79.5
≥ 4500 ≥ 4000	72.0	77.9	78.8	80.8		80.0 81:1	80,2	81.3	80.2	80,5	80,6 81.7	81.7	81.9	80.8	82.2	81.6
≥ 3500 ≥ 3000	73.1 73.6	79,4 80,1	81.2	82.2	82.5	81.7	81,9	82.7	81.9	82.2 83.0	83.1	83.1	82.5	83.4	83.6	84.1
≥ 2500 ≥ 2000	74.7	80.7		84.0	83.4	84.5	83,7	84.8	83.7 84.8	85.1	85.2	85.2	85.4	85.5	85.7	85.1
≥ 1800 ≥ 1500	75.9	82.9	84.3	85.4	84.9	85.9	85.2		85.3	85.5	86.7	85.6	86.9	85.9	86.1 87.1	86.7
≥ 1200 ≥ 1000	76.8	84.2	86.9	88.0		87.3		39.0	89.0		88.0 89.4	89.4	89.6	88.3	88.5	90.4
≥ 900 ≥ 800 ≥ 700	77.7 78.3 78.4	85.7 86.5 87.0		89,4		90 • 2 90 • 2	90.6	9057	90.7	89.8 90.9	91.0	Y	90.1	90.2	90.4	
≥ 600	78.8		89.2	90.0 91.0	91.8	91.9	91,2	92.6	92.6	92.9	93.1	91.7	93.3	93.3	93.6	94.1
≥ 500 ≥ 400 ≥ 300	78.9	88.2	90.3	92.4	93.4	93.6	94.2	94.6	94.7	93,6 95.1 96.1	95.2		95.5	95.5	95,7	96.3
≥ 200	79.0	88.5	90.6	93.1	94.4	9447	95,5	96.3	96.4	9742	97.4		97.6	9767	98.1	98.7
≥ 00	79.C										97.6	1 4 4	98.0	1 51		100.0

CEILING VERSUS VISIBILITY

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13909 VANCE AFB OKLAHOMA/ENIO 12-46,48-70,72-75

CEILING							VIS	IBILITY (ST	ATUTE MI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 2	≥2	≥1%	≥114	≥1	≥ 34	≥ 54	≥ '5	≥ 5 16	≥ '	≥0
NO CEILING ≥ 20000	60.2 65.5	62.2	62.3	62.6		62.8	62,8	62.9		62.9	62.9 68.8		62.9		62.9	,
≥ 18,000 ≥ 16000	65.6	68.1	68,2	68.6	68.8	68.8	68.8	68.9	68.9	68.9	68.9		68,8	68.9 69.7	68,9	69.0
≥ 14000 ≥ 12000	67.3 68.5	69.7	69.9	70.3	70.4	70.5	70,5	70.6	70.6	70.6 72.1	70.6	70.6	70.6	70.6	70.6	70.7
≥ 10000 ≥ 9000	70.1	72.7	72.9 73.6	73.3	73.5	73.5	73.5	73.6		73.7	73,7	73.7	73.7	73.7	72.1	72.1
≥ 8000 ≥ 7000	71.8 72.7	74.7	74.9	75.4	75.5	75.6	75.6	75.6 76.6		75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 6000 ≥ 5000	73.7 74.6	76.6	76,9 78,1	77.4	77.6	77.6	77.6	77.7	77.7	77.7 79.0	77,7	777.7 779.0	77,7	77,7	77.7	77.8
≥ 4500 ≥ 4000	75.1 75.6	78.5	78.8	79.4	79.6	79.6	79,5	79.7 80:3	79.7	/79.8 80.4	79.8	79.8	79.0 79.8 80.4	79.0 79.8 80.4	79.8	79.1
≥ 3500 ≥ 3000	75.0 76.0	79.7	80.0	80.8	81.0	81.9	81.0	81.1	81.1	81.2 82.1	81.2	81.2	81.2 82.1	81.2 82.1	81.2 82.1	80.5 81.2 82.1
≥ 2500 ≥ 2000	77.5	81.6	81.9	82.7	83.0	83.0	83.0	83.1	83.1	8372	83.2	83.2	83.2	83,2	83.2	83.2
≥ 1800 ≥ 1500	78.9	83.4 85.2	83,8 85.7	84.8	85.1	85.2	85,2	85 d2 87 d2	35.2 87.2	85.3	85,3	85.3	85.3	85.3	85.3	85.3
≥ 1200 ≥ 1000	81.6 82.7	88.7	87.5 89.2	85.7 90.5	89.0	89.1	89,1	89.2	89.2	89.2	89:2 91:2	89.2 91.2	89.2	89.2 91.2	89.2 91.2	89.3 91.2
글 900 글 800	83.1	89.3	89,9	91.2	91.8	91.8	91,8	91.9	91.9	91.9	91.9	91.9	91.9	91,9	91,9	92.0
≥ 700 ≥ 600	53.8 84.1	90.8 91.4	91.4	93.0	93.7	93.7	93,7	93,9	93.9	73.9 94.9		93.9	93.9	93.9	93.9	94.9
≥ 500 ≥ 400	84.3	91.8	92.8	94.7	95.5	95.6	95,7	95.8	95.9	95.9	95,9	95.5	95.5	93.9	95,9	96.0
≥ 300 ≥ 200	84.5	92.4	93.6		97.0	97.0 97.3	97,8	98.1	98.1	98.5	98,6	98.6	98.6	98,6	98.7	98.7
≥ 100 ≥ 0		92.5	93.8	96.2	97.3	97.3	98.3		98.7	99.2	99,4		99.5	99.5	99.7	99.9

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID

42-46,48,70,72-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST)	ATUTE MIL	ES:						
FEET:	≥10	≥6	≥5	≥ 4	≥3	≥21⁄2	≥2	≥1'7	ذبا≤	≥ı	≥ '₄	≥ %	≥ ,	≥5 16	≥ .	≥c
NO CEILING ≥ 20000	60.9 67.7	62.3 69.9	62.5	70.4	70.6			63.0			63.0	63.0 70.7		63.0 70.7	63,0	70.7
≥ 18000 ≥ 16000	68.1	70.7	70.6		71.0	71.1	71.5	71.5	71:1	71,1	71.1	71.1	71.5	71.1	71.1	71.1
≥ 14000 ≥ 12000	69.5 71.1	71.8	72.1 73.9	72.3	72.5	72.5	72,6	72.6	7444	74.4	74.4	72.6	74.4	72.6	74.4	72.6
≥ 10000 ≥ 9000	72.8	75.9	75,7 76.3	76.6	76.1 76.7	76.2	76.3 76.9	76.3 76.9	76.9	76.9	76.3 76.9	76.3 76.9		76,3	76.3 76.9	
≥ 8000 ≥ 7000	74.5	77.1	77.5	77.8	78.0	79,1	78,1 79,1	78.1 79.1	78.1	78.1 79.1	78.1 79.1	78.1	78.1	78.1	78.1	78.1
≥ 6000 ≥ 5000	76.2	79.1 80.2	79,5 80.6	81.0	81.1	80.1	82.2	80.2 81.3	81.3	81,3	80,2 81,3	80.2 81.3	81.3	81.3	81.3	81.3
≥ 4500 ≥ 4000	77.1	80.4	80.8	82.0		81.4	82.3	82.3	81.5 82.3	82.3	82.3	81.5		82,3	82.3	82.3
≥ 3500	78.3	81.9	83.5	82.7	84.1	83.0	84.2	83.1	63.1	53,1 84,2	84.2	84.2		84.2	83,1 84,2 86,1	83.1 84.2 86.1
≥ 2500 ≥ 2000	80,9	84.8 37.2 88.1	85#3 67.8 88.7	89.3	85.9 88.5	86.6 88.6		86.1	86.1 88.7	86.1 88.7	86.1 88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800 ≥ 1500	83.5 84.6 85.5			90.9		89,6 91.2 92.8	97.8	89.6 91.3	91,3	91.3	91.3	91.3	91.3	91,3	91,3	1
≥ 1200 ≥ 1000 ≥ 900	86.1	92.2	93.0	93.7	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	9452	94.2	94.2
≥ 800	86.6	, – , –	94.3	1 1111	95.5	95.6		95.7	95.7	95.8	95.8	95.8	95.8	95.8	1 1 2 7 1	1 1 1 1 1
≥ 700 ≥ 600 ≥ 500	86.8	94.2		96.2	96.7	96.8	96,9	97.0	1777	97.0	97.0	97.0	97.0	97.1	97.1	97.1
≥ 400	86.8	94,5	95.7		1 1 1 7 7	98.2	98,6	98.7		98.8	98.8	98.8	98.8	98,9	98.9	98.9
≥ 200	87.0	94.9	96.2	97.6	98.0	98.8	99.2	99.3	99.4	99,8	99.8		79.9	99.9	99,9	
2 0	87.0	7 -			1 1		99.2							Per	(, .	100.0

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-70,72-75

CEILING							VIS	IBILITY IST.	ATUTE MILI	ES,						
FEET	≥10	≥0	≥5	≥ 4	≥3	≥2'2	≥2	≥1'2	≥1'₄	≥1	≥ '₄	≥`.	≥ :	≥5 16	≥ ,	≥0
NO CEILING	63.2	65.1 72.9		65.3		65.4 73.5	65.4 73.5	65.4 73.5	65,4 73,5	65.4 73.5	55,4 73.5	65,4 73.7	65,4 73,5	65.4 73.5		65.4 73.5
≥ 18000 ≥ 16000	70.7 71.0	73.1 73.4	73.4 73.7	73.6	73.7	73.7	73.7	73.7	73.7 74.0	73.7 74.0	73.7 74.0	73.7	73:7	73.7 74.0		73.7 74.0
≥ 14000 ≥ 12600	72.1	74.7 76.7	74.9	75.2	75.3	75,3	75.3 77.4	75.3	75.3	75.3	75.3'	75.3	75.3	75.3	75.3	
≥ 9000	76.1 76.5	79.4	79.7	79.6	80.1	80.1	79,7 80,1	79.7 80.1	79.7 80.1	79.7 80.1	30.1	80.1	30.1	80.1	79.7 80.1	80.1
≥ 8000 ≥ 7000	77.6	80.6	80.8 82.0 83.2	82.3	81.3 82.5 83.6	82.5	81.3	82.5	81.3 82.5 83.6	81,3	82.5	82.5	32.5	82.5	82.5 83.6	82.5
≥ 6000 ≥ 5000	79.6 80.1	82.8 83.4	83.7	84.1	84.8	83.6 84.3	84,3 84.8	84.3 84.8	84.2	87,6 84,8	84.8	84.3	34.3 34.8	84 - 3 83 - 0	84.3	84.3
≥ 4500 ≥ 4000 ≥ 3500	81.3	84.6	85.0	85.4	85.6	85.6			85.6	85.6	85.0		85.6	85.6	85.6	
≥ 3000	83.2	87.3	87:7	88.2	88.4	88.4	88-4	88.4	90.4	88.4		88.4	88.4	88.4	88,4	29.4
≥ 2000	86.5	91.0	1 - 7 - 7	92.2	92.4	92.4	92.4	92.5	92.5	92.6	92.6	92.6		92.6	92.6	92.6
≥ 1500	87.2 87.6	92.1	92.7	93.4	93.7	93.7	93.7		1 1772	93.8	93.8	93.8		93.8	93.8	93.8
≥ 1000	87.9	93.3	94.1	94.8	1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.7	95.3	95,3 95,7	
≥ 800 = 700	88.1	94.0	94.9			96.2	96.2	96.2	96.2	96.8	96.3	96.8	96.4	96.4	96.4	96.4
≥ 600	88.3 88.4	94.4	95.3 95.7	97.0	97.5	97.5	97,7	97.1	97.9	98.0	97.4 98.0	98.0	97.4	98.1	97,4 98,1	97.4
≥ 400	88.5	94.8	96.1	97.6	98.4	98.2	98.6	99.1	99.2		99.7	99.7	99.7	99.2	99,7	99.7
≥ 200 ≥ 100 ≥ 0	88.6 88.6	95.0	96,2	97.7	98.5	98,6		99.2	99.3	99,7	99.8	199.8	99.9	100,0	100.0	99.9 100.0

CEILING VERSUS VISIBILITY

13579 VANCE AFB OKLAHOMA/ENI'

42-46,48-70,72-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (STA	TUTE MILE	ES;						
FEET	≥10	≥ 6	≥5	≥ 4	≥3	≥2'2	≥ 2	≥112	≥114	≥1	≥ '₄	≥'•	≥ '3	≥ 5 16	≥ .	.*0
NO CEILING ≥ 20000	70.0 75.1	71.9 77.5	72.0	72.1	72.3	72.3 78.1	72,4	72.4	72.4	72.4 78.2	72.4	72.4	72.4 78.2	72.4 78.2	72.4 78.2	72.4 78.2
≥ 18000 ≥ 16000	75.3 75.5	77.7	77.9 78.3	78.0	78.3	78.3 78.7	78,4	78.4	78.4	78.4 78.8	78.4 78.8	78.4	78.4 78.6	78.4	78.4 78.8	78.4 78.8
≥ 14000 ≥ 12000	76.0 77.8	78.7 80.6	78.9 80.8	79.0 81.0		79.3	79,4	79.4	79.4	79.4 81.3	79.4	79.4	79.4	79.4	79,4	79.4 81.3
≥ 19000 ≥ 9000	79.9 80.3	82.9	83.1 33.5	83.2 83.6		83.5	83.6	83,6	83.6 84.0	83.6	83.6 84.0	84.0	84.0	84.0	83.6	63.6 84.0
≥ 8000 ≥ X00	81.2 81.8	84.4	84.6 85.4	84.7		85.0 85.8	85.9	85.9	85.9	85.1 85.9	85.1 85.9	85.1	85.9	85.9	85,1 85.9	85.9
≥ 6000 ≥ 5000	82.9	86.3 87.4	86,6 87,7	87.8		88.1	87,1	88.2	88.2	87.1 88.2	88.2	85.2	88.2	88.2	87,1 86,2	88.2
≥ 4500 ≥ 4000	84.2	87.9 89.0	88,2 89,2	88.3	89.7	88.6	89.8	89.8	88.7 39.8	88.7 89.8	38.7 89.8	89.8	88.7	69.8	88,7 89.5	89.5
≥ 3500 ≥ 3000	86.0	90.4	90.7 91.6	91.8	92.2	92.3	92,3	92.3	92.3	91.5	91.5	92.3	92.3	92.3	91,5	91.5
≥ 2500 ≥ 2000	87.1	91.9	92,3	93.8	94.2	93.2	93,3	93,3	94,3	93.3	94.5	94.	94.5	94.5	93,3	94.5
≥ 1800 ≥ 1500	88.0	93.8	94.3	94.7	95.2	95.2	95.3	95.3	95.4	95.4	94.7	95.4	95.4	95.4	95.4	95.4
≥ 1200	88.6	94.2	95.0	95.4	95.6	95.9	95,7	96.0	95 9	95.8	95.8	9601	96.1	96.1	96.1	96.1
≥ 900	58.9 59.0		95.4	95.9	96.4	96.4	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700 ≥ 600	89.1	95.3	95.9	96.6	. 1	96,8 97.2	96,9	97.3 97.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500 ≥ 400	89.2	95.5 95.7 95.9	96.4	97.3	98.0	98.1	97.6 98.4 98.8	98.5	98.7	93.8	99.4	98.9	99.0	99.0	99.0	99.0
≥ 300 ≥ 200 > 100	89.2	96.0	96.6 96.7 96.7	97.7	98.6	98.7	99,0	99.1	99.3	99.5	99,7	99.8	99.8	99.8	99.8	99.8
≥ 00	89.2			97.7	98.6	98.7			99.3				99.9		100.0	

TOTAL NUMBER OF OBSERVATIONS

2417

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46,48-70,72-75

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES;						 -
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥21/2	≥ 2	≥1 ,	≥114	≥1	≥ 34	≥`&	≥ ′2	≥5 16	≥ ,	≥0
NO CEILING ≥ 20000	72.7 75.5	75.2 78.5	75,4 78,6	75.5 78.8			75,8	75.8	75.8	75.9 79.1	75.9 79.1	75.9	76.0	76.0	76,0 79.3	76.1 79.3
≥ 18000 ≥ 16000	75.5 75.9	78.5 79.:	78.7 79.3	78.8 79.4	79.0	79.0	79.1	79.1	79.1	79.2	79.2 79.8	79.2	79.3	79.3	79,3	79.4
≥ 14000 ≥ 12000	76.6 78.5	79.8 81.8	79.9 82.0	80.1 82.1	80.3	80.3	80,4	80.4	80.4	80.4	80.4	80.4		80.6		80.6
≥ 10000	79.8	83.4 83.5	83.6 83.7	83.7 83.8	83.9 84.0	83.9	84.0	84.0 84.1	84.0	84.1	84.2	84.2	84.2	84.2	84,2	84.3
≥ 8000 ≥ 7000	80.6	84.3	84.5	84.6 85.1	84.8	84.8	84,9	84.9 85.4	84.9	85.0 85.5	85.0 85.5	85.0	85.1	85.1 85.6	85.1 85.6	85.2 85.7
≥ 6000 ≥ 5000	81.7	95.5 67.1	85,7 87,4	85.9 87.6	86.1	86.1 87.8	85,2	86.2	86.2	86.8	86.3	86.3	86.4	86.4	86,4	86.5
≥ 4500 ≥ 4000	84.5	88.4	89.4	88.9	89.1	89.1 89.8	89.2 89.9	89.2	89.2 89.9	89.2	89.2	89.7	90.1	89.4 90.1	89,4	89.4 90.1
≥ 3000	85.0 86.1	91.0	70,2 31,3	90.4	90.6	90.7	92.0	90.8	92.0	90.8	90.8	90.8	91.0	91.0	91.0	91.0
≥ 2000	86.8	93.2	92,3	9267	94.2	93.0	93.1	94.4	93.1	94.4	93.1	93.1	93.3	93.3	93,3	93.3
≥ 1800 ≥ 1500	87.7 87.7	93.3	93,6	94.4	94.6	94.7	94,4	94.0	94.6	94.8	94.5	94.5	94.6	94.6	94,6	94.7
≥ 1200 ≥ 1000 ≥ 900	88.2	94.2	54.6 95.0	95.1	95.4	95.6	95,3	95.7	95,3	95,4	95,4	95.4	95.5	95.5	95,5	95.6
≥ 800 ≥ 700	88.4	94.8	95.2	95,8	96.1	96.3	96.1	96.4	96,4	96,2	96.2	96.2	96.5	96.5	96.3	96.4
≥ 500	88,6	95.3	95,7	96.4	96.7	96.9	96,7 97,0	96.7	96.7	96.8	96.8	97.1	96.9	96.9	96.9	97.0
≥ 400 ≥ 300	88,9	95.7	96.1 96.4	96.9	97.5	97.5	97.4 97.6 98.2	97.7	97.7	97.8	97.5	97.8	97.7	97.7	97.7	98.0
≥ 200	89.1	96.1	96.6	97.5	98.0	98.3	9867	98.8	98.8	98,3	98.8	98.9	98,5	98.5		98.5
≥ 0	39.1	96.1	96.6	97.5	98.0	98.3	98.7	98.8		96.0	3 7 7 7	99.0		99.3	1.7	99.5

TOTAL NUMBER OF OBSERVATIONS

2003

USAF ETAC $\frac{\text{FORM}}{\text{PJI-64}}$ 0-14-5 (OL A) previous editions of this form are descrete

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46,48-89,62,72-75

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							ViS	SIBILITY 'ST	A' IE MIL	ES:						····
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2'2	≥ 2	≥1'2	≥1'₄	≥1	≥ 14	≥ > 4	≥ 1/2	≥ 5,16	≥ 14	≥0
NO CEILINC- ≥ 20000	68.5 72.9	71.2								4-		72.2				
≥ 18000 ≥ 16000	73.1	76.0		76.7	76.9	74.9	77.0		77.1	77.1 77.1	77.1	77.1	77,1	77.0	77.0 77.1	77.1
≥ 14000 ≥ 12000	74.3 75.9	77.3	77,7 79,4	78.0		78,1	78,3	78.3	78,3	78.3	78.3	78.3	78.3	78.3		77.1
≥ 10000 ≥ 9000	76.8 77.0	79.8 80.1	80,3	80.5	80.7	80.7 80.9	80.8		80,9		80,9	80.0	4.7.5.4	80.0 80.9	80.9	80.9
≥ 8000 ≥ 7000	77.7 78.3	81.1	81.5	81.8	81.9	81,9	82.1	82.1 82.8	82.1 82.8		82.1	82.1	82,1	8131	82.1	81. <u>).</u> 82.1
≥ 6000 ≥ 5000	78.5	82.0	82.6	82.8	83.0		83.1		83.2	83.2	82.8 83.2 84.5	82.8	83.2	83.2	83.2	83.2
≥ 4500 ≥ 4000	80.1	83.9	84.5	84.7	84.9 85.4	84.9	85.0		85.1	85,1	85.1	84.5	85.1	85.1	84.5	84.5
≥ 3500 ≥ 3000	81.2	85.1	85.7	86,C 85.6	86.1	86.2	86.3	86.4 87.0	86.4	85,6	85.6 36.4	85.6	86.4	85.6	85,6	85.6
= 2500 ≥ 2000	82.5	86.6 88.4	87.1	87,5	87.7	87.7	87,8		87.9	87.9 87.9	87.9 87.9	87.9	87.9	87.9	87,9	87.0 87.9
≥ 1800 ≥ 1500	33.8	88.8	89.4 90.1	89.9	90.1	90.1	90.2	90.3	90.3	90,3 9111		90.3	90.3	90.3	90.3	90.3
≥ 1200 ≥ 1000	84.6	90.2	90.8	91.4			91,7	91.8	91.8	91.8	91.8	91.8	91.8	91.1	91.8	91.8
2 900 ≥ 800	85.3	91.5	92,3	92.9	93.1 93.6	93.2			93.4	92.6 93.5 93.9	92.6 93.5 93.9		93.5	93.5	93,5	93.5
≥ 700 ≥ 65°	85.6	91.9	92.9	93.7	94.0	94.1	94,2	94.3	94.3	94.3	94,3	94.3	- 1	94.4		94.4
≥ 500 ≥ 400	85.9	92.2	93.3	94.9	94.7	94.9	95,0	95.0	95.0	95.1			95.2	95.2	95.2	95.2
≥ 300 ≥ 200		92.5	93,9	95.4	96.1	96.3	46.7	97.3 97.8	97.3	97.4	97.4		97.5	97.6	97.6	97.6
≥ 100 ≥ 0	86.1	92.6	93.9	95.6	96.6	96.8	97.5	98.1		98.5	98.6 98.7	98.6	98.4 98.9 99.2		99.1	98.5

CEILING VERSUS VISIBILITY

1

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-75

CEILING							VIS	BILITY ISTA	ATUTE MILI	ES)						
FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥ 2	≥1'2	≥1′₄	≥ı	≥ 3,4	≥ /*	N.	≥5 16	≥'.	≥0
NO CEILING ≥ 20000	67.5 71.0	70.0	70.5 74.1	70.7 74.3	70.9 74.5	70.9 74.5	70.9 74.5	70.9 74.5	70.9		71.1 74.6	71.1	71.1	71.2	71.2 74.8	71.3
≥ 18000 ≥ 16000	71.0 71.2	73.6	74.2 74.4	74.5	74.5	74.5	74.7	74.8	74.6	74.9	74.7	74.7	74.7	74.8	74.0	74.9
≥ 14000 ≥ 12000	71.9 72.9	74.5 75.6		75.2	75.4	75.4 76.5	75.4	75.4 76.6	75.4	76.7	75.5	75.5 76.7	76.8	75.7	75.7	75.8
≥ 10000 ≥ 9000	74.1	76.8	77.9	77.6	77.8	77.8 78.2	77.8 78.2	78.3	77.8	78.0 78.4	78.4	78.4	78.0	78.6	78.1 78.6	78.2
≥ 8000 ≥ 7000	75.0 75.4	77.9 78.3	78.5 78.9	78.7 79.1	78.9	78.9	78.9 79.3	78.9	78.9	79.0 79.5	79.0 79.5	79.0	79.5	79.2	79.7	79.7
≥ 6000 ≥ 5000	76.2 76.6	79.3	79.8 80.3	80.0	80.2 80.7	80.2	80.7	80.3	80.7	80,4	80.4	80.4 80.8	80.9	80.6 81.0	80,6	
≥ 4500 ≥ 4000	77.8	80.4	80.9		81.3	81.3	81.3	82.2	82.2	81.5	83.5	81.5 82.4	82.4	81.6	81.7 82.5 83.5	81.7 82.6 83.6
≥ 3500 ≥ 3000 ≥ 2500	78.5 78.6 79.3	82.0 82.3 83.3	82.6		83.2 83.6 84.7	83.6	83,6	83.6	83.2 83.6	83.3 83.8 84.9	83.3 83.8	83.3 83.6	83.8	83.9 83.9	84.0	1 2 7 7 1
≥ 2000 ≥ 1800	80.9	85.6	86.4	86.8	87.0 87.5	84.7 87.0 87.5	87.0		84.7 87.1 87.5	87.2	87.2 87.7	87.2	87.3	1 : 5 - 61	87.4	87.5
≥ 1500 ≥ 1200	82.3	87.5	88.3	88.6		89.0			89.0	89.2	89.2	89.2	89.2	89.3	89.4	89.4
≥ 1000	83.4	89.7	90.1	90.4	90.9	90.9	90.9	90.9	90.9	9111	91.1	91.8	91.1	91,2	91.2	91.3
≥ 800	84.2	90.2	91.2	91.8	1	92.3	92,4	92.4	92.4	92.6	92.6	92.6	92.7	1	92.8	92.9
≥ 600 ≥ 500	84.5	90.9	92.4	1 7 7 7	93.1	93.1	93.3	93.3	93.3	93.5	93.5		93.6		93.8	1 1
≥ 400	84.6	91.6		93.9	94.8	94.8	95.0		95.0		95.4	95.4	95.5	95.6	95,7 96.8	95.8
≥ 200	84.6	91.8	93.3	94.4	95.7 95.8	95.9		96.7 97.1			97.2	197.2	97.3		97,6	97.7
≥ 0	84.6		93.3	94.5	95.8	96.1		97.2	97.2	97.4	97.8	197.8	98.2	98.4	98.7	100.0

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VIS	IBILITY (ST	TUTE MILI	ES'						
FEET	≥10	≥6	≥.5	≥ 4	≥?	≥212	≥2	≥11/2	≥114	≥1	≥ 14	≥ 5,4	≥ '2	≥ 5-16	≥'.	≥0
NO CEILING ≥ 20000	57.6 63.7	60.6 67.3	61.1	61.5 68.3		61.7 68.5	61.8	68.7		62.0 68.8	62.0 68.9			62.1	62.2	69.4
≥ 10000 ≥ 16000	63.8	67.4 67.5	68,0 68,2	68.5 68.6	68,7	68,7 68,9	69.0	68.9 69.0	68.9 69.0	69.0 69.1	69.2	69.0	69.2	69.3	69.4	69.5
≥ 14600 ≥ 12000	64.7	68.4 71.0	69.0 71.7	72.2	72.4	72.4	72.6		69.8 72.6	72.7	70.0	70.0	70.1	70.1	70.2	70.5
≥ 10000 ≥ 9000	68.4	72.4	73.8	73.6	74.5	73.9	74,0	74.0	74.7	74.19	74.9	74.2	74.3	75.1	75.2	75.5
≥ 8000 ≥ 7000 ≥ 6000	70.0 70.5	74.9 75.6	75.7	75.6 76.2 77.0	75.4	75.9 76.5 77.3	76.6		76.7	76.8	76.8	76.8	77.0	77.0	70,5 77,1 78.0	75.8 77.4 78.3
≥ 5000 ≥ 5000 ≥ 4500	71.6 71.4 71.7	76.2	77.1	77.6	77.9	77.9	77,4 78,1 78,7	77.5 78.1 78.8	78.1 78.8	78.3	78.3	78.3	78.5	78.5	78.6	
≥ 4000 ≥ 3500	72.2	77.3	78.3	78.9	79.3	79.3	79.5	79.6	79.6	79.8	79.8	79.8	80.0	80.0	80.1	80.5
≥ 3000 ≥ 2500	73.1	78.5	79.7 81.1	80.3	80.7	80.8	~ ~ .	81.0 82.5	81.1	81,2	81.3	81.3	81.5	81.5	81.6	81.9
≥ 2000 ≥ 1800	74.9	81.5	82.5	83.1	84.0	83.6	83.8	83.9	84.0	84.2	84.7	84.7	84.9	84.9	84.6	84.9
≥ 1500	76.2		84.5	87.3	85.7	85.7	86,0	88.2	86.1	86.4		86.4	86.6	86,6	89.0	87.1
≥ 900 ≥ 800	78.6	86.7	88.5	89.4	90.0	90.1	90,3	90.4	90.4	90.0 90.7 91.6	90.8	90.8	91.0	90,3	90,4 91,1 92.1	90.8 91.5 92.5
≥ 700 ≥ 600	79.0 79.1 79.2	87.2 87.5 87.8	89.2 89.6 89.9		90.9 91.3 91.8	91.0 91.4 91.9	91.7	91.8 91.8 92.5	91,3 91,8 92,5	91.8 92.1 92.8	92.3	91.8	92,5	92,5	92,6	93.0
≥ 500 ≥ 400	79.5	88.3	90,5	92.6	92.9	93.1 94.1	93.5	93.7	93.8	94.1	94.2	94.2	94.4	94,4	94.6	94.9
≥ 300 ≥ 200	79.6 79.6	88.8		92.8	94.6	94.9	95,8		96.1	96.6 96.8	96.7 97.1	96.7	97.0		97.1	97.5
≥ 100 ≥ 0	79.6 79.6	88.9 88.9			94.8	95.1		96.3 96.3		97.0 97.0	97.2 97.3			97.8 98.0		- ,

TOTAL NUMBER OF OBSERVATIONS 2594

USAF ETAC FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46,48-75

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900=1100

CEILING	ļ 						vis	BILITY (ST	ATUTE MIL	ES:						
(FEG)	≥10	≥6	≥5	≥ 4	≥ 3	≥21/2	≥2	≥1′2	≥1'₄	≥1	2.04	≥ ⅓	≥ 1,	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	55.9 54.0	57.8 66.5			58.2 66.9						58.5 67.2			58.5		
≥ 18000 ≥ 16000	64.2 64.3	66.7	66.9	67.1 67.3	67.1	67.1	67.2	67.2 67.5	67.2 67.5	67.4	67.4 67.7	67.4	67.4	67.4	67,4	67.2
≥ 14000 ≥ 12000	65.0 66.8	67.7	68.0 70.0	68.1	68.2	68.2	68.4 70.4	68.4	68.4	68.5	68.6	68.6	68.6 70.5	68.6		68.6
≥ 10000 ≥ 9000	68.2 69.1	71.3 72.3	71.6	71.7	71.8	71.8	72.0	72.0	72.0		72.1	72.1	72.1	72.1	70.5 72.1	70.6
≥ 9000 ≥ 7000	70.4 71.0	73.6	73.9 74.8	74.1	74.2	74.2 75.1	74.3	74.3	74.3	74,4	74.5	74.5	73.2	74.5	73.2	74.5
≥ 6000 ≥ 5000	71.8 72.3	75.4	75.9 76.7	76.1	76.2	76.2	76.3	76.4	76.4	76,5	76,6 77.4	75.4	76.6	76.6	76,6	76.6
≥ 4500 ≥ 4000	72.4	76.3	76,8	77.2	77.4	77.4	77.5	77,5	77.5	77.7	77,7	777.7	777.7	77.7	77,7	77.5
≥ 3500 ≥ 3000	73.8	77.9 78.6	78.5	78.9	79.1	79.2	79,4	79.4 80.3	79.4	79.5	79.6 80.5	79.6	79.6	79.5	78,7	78.8
≥ 2500 ≥ 2000	75.0 76.0	79.5	80,2	80.6	80.9	81.0	81,2 82,5	81.3	81.3	81.4	81.5	81.5	81,5	81.5	81.5	81.6
≥ 1800 ≥ 1500	76.5	81.2 82.7	82.0	82.4	82.9	83.0	83.3	83.4	83.4	83.6	83.6	83.6	83.6	83.6	82,8	82.9
≥ 1200 ≥ 1000	79.1	84.7	85.7	86.3	87.0	87.1	87.4	87.5	87.5	87.7 89.1	87,7 89,1	87.7 89.1	87.7	87.7	85.4	85.5
≥ 900 ≥ 800	80.1	86.2 87.2	87.4 88.6	88.2	89.0	89.1	89.6 91.1	89.7	89.8	89.9 91.5	90,0	90.0	_ ` ' '	90.0	90.0	90.2
≥ 700 ≥ 600	80.8	87.6 88.1	89.1	90.5	91.4	91.7	92.2	92.4 93.4	92.5	92.7		92.7	92.8	91.6 92.8 93.9	92.8	91.7
≥ 500 ≥ 400	81.3	88.8	90.4	92.1	93.4	93.7	94.3	94.6	94.6	95.0			95,3 96,6	93.9 95.3 96.6	93.9	95.4
≥ 30C ≥ 200	81.3	88.9 88.9	90,9	93.4	95.3	95.5		96.8		97.5 97.7	97.6 98.1	97.6	97.9 98.5	97.9	98.0	98.2
≥ 100 ≥ (88.9	90.9	93.5	95.4	95.7	96,7	97.1	97.2	9737	98.2	98.2	98.7	98.7		98.7

CEILING VERSUS VISIBILITY

13909

VANCE AFB DKLAHDMA/ENID

42-46,48-75

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET							VIS	IBILITY (ST	ATUTE MIL	ES.					- **	
1551	> 10	≥6	≥ 5	≥ 4	≥3	≥21/2	≥ 2	וו≲	≥1'₄	≥1	≥ 34	≥5,	≥ 14	≥ 5 16	≥ 4	≥0
NO CEILING ≥ 20000	58.2 66.0	59.5 67.9					60.1				60.2			60.2		60.2
≥ 18000	66.9	68.4 68.8	68.7 69.1	68.9 69.2	69.0		69,0 69,4	69.0	.69.0	69.1	69,1	69.1	69.1	69.1	69.1	69.1
≥ 14000 ≥ 12000	67:7 69.2	69.6	70.0 71.8	70.1	70.2	70.2	70.3					70.3	70.3	70.3	70.3	70.3 72.2
≥ 10000 ≥ 9000	70.4	72.6	73,0 73,4	73.1 73.6	73.3	73.3 73.8	73.4		73.4		73.5	73.5		73.5	73.5	73.5
≥ 8000 ≥ 7000	71.7 72.7	73.9 75.1	74.4	74.5 75.6	74.6 75.8	74.7 75.8	74,8	74.8	74.8	74.9	74.9 76.0	74.9	74.9	74.9	74.9	74.9
≥ 6000 ≥ 5000	73.7	75.8 76.3	76.2 76.7	76.4	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8 77.3	76,8	76.8
≥ 4500 ≥ 4000	74.2	76.8	77.2 78.2	77.5 78.5	77.6	77.7 78.7	77,8 78.8	77.8	77.8	77.9 78.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3500 ≥ 3000	75.8	78.7 79.7	79.2 80.3	79.5	79.7 86.8	79.8	79.9	79.9 81.0	79,9	80,0 81.1	80,0 51.1	80.0	80.0	80.0 81.1	80,0	80.0
≥ 2500 ≥ 2000	78.2 80.0	81.5 83.7	82.1 84.2	82.3	82.6 84.8	82.7 84.8	82.8 84.9	82.8 85.0	82.8	82.9	82.9	82.9 85.1	82.9	82,9	82,9 85,1	82.9
≥ 1800 ≥ 1500	80.7 82.6	84.4 86.6	85.1	85.5 87.8	85.7 88.1	85.8	85.9	85.9 88.3		86.1		88.5	86.1	86,1	86,1	86.1
≥ 1000 ≥ 1000	83.6	88.1	89.2 90.2	89.8 91.1	90.2 91.6	90.3	91,8	90.4	90.4	90.6	90,6	90.6	90.6	90.6	90,6	90.6
≥ 900 ≥ 800	84.6	99.6	90.8	91.8	92.4	92.4	92.6	92.7	92.7	92.9	92.9	92.9	92.9	92.9	93.9	92.9
≥ 760 ≥ 300	84.8	90.5	91.9 92.1	93.2	93.9	94.8 94.8	94.2	95.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500 ≥ 400	85.0 85.0	90.9	92.5				96.9	96.5 97.2	96.6	96.9	97.8	97.0	97.0	97.0	97.0	97.0
≥ 300 ≥ 200	85.1	91.2		95.1		96.7		97.8 98.1	98.0 98.3	98.4 98.8	98.5	98.5	98.8	98,8	98,9	98.9
≥ 100 ≥ 0	85.1 85.1	91.2				97.0	_ * *	98.1 98.2	98.3				99.6	99.6	99,8	

TOTAL NUMBER OF OBSERVATIONS

.2832

CEILING VERSUS VISIBILITY

13909

VANCE AFB DKLAHDMA/ENID

42-46-48-75

VOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

	j															
CEILING (FEET)	ļ						VIS	SIBILITY (ST	ATUTE MII	LESI						
	≥10	≥6	≥5	≥ 4	≥	≥2¹״	≥ ?	≥1′2	≥i'4	≥1	≥ 1,4	≥ 3,6	≥ 2	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	59.8 68.6						62,0	62.1				62.1	62.1	62.1		
≥ 18000 ≥ 16000	69.2	71.1	71.4	71.7	71.8	71.9		72.0	72.0	72.0	72.0	72.0	72.0	72.0	72,0	72.0
≥ 14000 ≥ 12000	70.6 71.9	72.6	73.0	73.3	73.4	73,5	73,5	73.5	,	73.6	73.6	73.6	73.6	73.6	72.5 73.6	72.5
≥ 10000 ≥ 9000	72.9	75.0 75.3	75.4	75.8	73.9		76.0	76.0		76.0	76.0	74.9	76.0	74.9	74.9	74.9
≥ 8000 ≥ 7000	74.1	76.4 77.3	76.9	76.1 77.3	76.2	77.4	77.5			77.5	77.5	77.5	76.4	76.4		76.4
≥ 6000 ≥ 5000	73.7 76.5	78.0 78.9	77,8 78,6 79.5	78.2	78.3	78.4	79,3	78.4	79.3	79,3	79.3	79.3	78.5		78.5	78.5
≥ 4500 ≥ 4000	76.9 77.7	79.5 80.6	80.2 81.2	80.6	80.7	80.8		80.9	80.9	80.9	80.9	80.9		80.3	80.9	80.9
≥ 3500 ≥ 3000	78.5	81.5 82.8	82.2	81.7	81.8	81.9	82.8	82.9	82.9		82.9	82.0	82.9	32.0		82.9
≥ 2500 ≥ 2000	80,9	84.5	85.2 87.4	85.8	85.9	84.1	86.1	86.2	86.2	86.3	84.4	86.3	84.4	86.3		84.4
≥ 1800 ≥ 1500	83.4	87.3 88.9	88.2	88.8	89.0	88.2	88.3	88.4	88.5	89.4			88.6	88.6	89.4	88.6
≥ 1200 ≥ 1000	85.2	90.4	91.4	92.2	92.5	92.6	92.7	91.2	92.8	91.3						91.3
≥ 900 ≥ 800	85.4	90.5	92.0	93.0	93.4	93.5	93.5		93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700 ≥ 600	1,3	91.2	93,1	94.1	94.6	94.7	94,9		95.2	94.7	94.7	94.7	94.7	94,7	94,7	94.7
≥ 500 ≥ 400	85.9	91.8	93,8	95.0	95.0	95,8	96,2	96.7	95.7	97.0	95.9	95,9	95.9	95.9	95.9	95.9 97.1
≥ 300 ≥ 200	86.0	92.2	94.5	95.7	96.7	97.0	97,6	98.3	98.4	98.9	99.1	98.1	98.3	98.3	98.4	98.4
≥ 100 ≥ 0	86.0	92.2	94.5	96.0	96.8	97.1	97,7	98.4	98.5	99.0	99.4	99.4	99.7	99.7		99,9
	86.0	92.2	94.5	96.1	96.8	97.1	97.7			99.1	99.4		99.7	99.81	00.01	00.0

TOTAL NUMBER OF OBSERVATIONS

2796

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	BILITY (STA	TUTE MILE	ES:						
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥212	≥ 2	≥1'≎	≥114	≥1	≥ ;4	≥5,	≥ 1/2	≥5 16	≥ '4	≥0
NO CEILING ≥ 2000	67.7 73,5	69.8 75.9	69.9 76.0	70.0	70.1	70.1	70.1		70.1	70.4	70.4	70.4	70.4	70,4	76.5	
≥ 18000 ≥ 16000	73.7	76.1 76.5	76.2 76.7	76.3	76.8	76.4	76.4 76.8	76.5 76.9	76.5	76.7 77.1	77.1	776.7 77.1	76.7	776.7	76.7	76.7
≥ 14000 ≥ 12000	75.5 76.8	78.0 79.4	78,1	78.2	78.3	78.3	78,3	78.4 80.0	78.4	78,6	78,6 80,2	78.6	78.6	78.6 80.2	78,6 80.2	78.6
≥ 10000 ≥ 9000	77.5	80.7	80,5 81.0	81.2	80.7 81.2	80.7 81.2	80.7 81.2	80.7 81.3	80.7	81.0 81.5	81.5	81.0 81.5	81.0	81.0	81.0	81.0
≥ 8000 ≥ 7000	78.8	81.6	82.0	82.1 83.2	82.1 83.2	82.1	82.1 83.2	82.2	82.2	82.4 83.5	82,4 83,5	82.4 83.5	83.5	82.4	82.4	83.5
≥ 6000 ≥ 5000	80.4	83.7	84.1 85.1	84.2		84.2 85.2	84.2	84.3	84,3	84.5	84,5 85,5	84.5	85.5	84.5	84.5	
≥ 4500 ≥ 4000	81.6	85.2	85,5	85.6 86.7	85.7 86.8	85.7	85,7	85.8	85.8		87.1	86.0	87.1	87.1	86,0 87.1	87.1
≥ 3500 ≥ 3000	84.2	87.2			88.8	87.7	87,7		87,8 88.9	89.1	88,0 89.1	88.0 89.1	88.0 89.1 90.1	88.0 89.1 90.1	58,0 89,1 90,1	89.1
≥ 2500 ≥ 2000	84.8	89.1		90.4	90.5	89.8	90.5		90.6	90.8	1 7 7 7	90.8		90.8	90.8	1 1 7 7 71
≥ 1800	85,4 86,1	90.1	<u> </u>	91.9	92.0	90.8 92.1 93.1	90 = 8 92 = 1 93 • 2	91.0 92.2 93.3	91.0 92.2 93.3	92.4	92,4	92.4	92.4	92,6	92.4	92.4
≥ 1200 ≥ 1000	86.4 86.6	92.2	92,6 92,7 93,1		93.5	93.6	93.6	93.8 94.1	93.8	94.0	94.0 94.3	94.0	94.0	94.0	94.0	1 4 4 4
≥ 900 ≥ 800	86.7	92.8	93.6	94.1	99.6	94.5	94.6		94.7 95.0	95.1	95.1 95.4	95.1	95.1	95.1	95.1 95.4	95.1
≥ 700 ≥ 600	86.9	93.2	94.0	94.6		95.8	95,3	, , , ,	95,5	95.8	56.0		96.0	96.0	96.0	
≥ 500 ≥ 400 ≥ 300	87.0 87.1	1	1 4 1 5 1	1	96.4	96.5	96.9	97.1	97.1	97.6	97.9	97.9	98.0	1 1 1 1 1	98.1 98.9	98.1
≥ 200	87.1	93.7	94.7	96.0	96.8	96.9	97.6	97.9	98.0	98.6	99.0	99.0	99.3	99.3	99.5	99,5
≥ 160	87.1	93.7	94.7	96.0	امیما			م خسما	98.0		99.2	99.2	99.5			100.0

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46-48-75

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	BILITY IST	ATUTE MIL	ES,						
FEET	≥10	≥6	≥5	≥4	≥3	≥212	≥ 2	≥1'2	≥1'4	≥1	≥ '₄	≥',₅	≥ '2	≥ 5 16	≥ .	≥ c
NO CEILING ≥ 20000	70.6 75.0	73.1 77.8			73.5				73.6	73.7 78.4						73.8 78.4
≥ 18000 ≥ 16000	75.2 75.6	77.9 78.3	78.2 78.5	78.3 78.6	78.3 78.7	78.3	78,4 78.8	78,4	78.4	78.5		78,5	78.5			78.6
≥ 14000 ≥ 12000	76.9 78.1	79.8 81.1	80.1 81.4	80.2 81.5	80.2 81.5		80.3	80.3	80.3	80,4		80.4		80.4 81.7	80,4	80.5 81.8
≥ 10000 ≥ 9000	78.9 79.1	81.9 82.2	82.3 82.5	82.4 82.6	82.4	82.4	82,5	82.5	82.5			82.6	82.6	82.6 82.8	82.6 82.8	82.7
≥ 8000 ≥ 7000	79.6 80.0	82.7 83.3	83.0 83.6	83.2 83.7	83.2 83.8		83.3	83.3 83.8	83.3	83.4		83.4	83.4	83.4 84.0	83.4	83.5
≥ 6000 ≥ 5000	80.6 81.6	84.1 85.4	84.4	84.5	84.6		84,6	84.6	84.6			84.8 86.1		84.8 86.1	84.8 86.1	84.8
≥ 4500 ≥ 4000	82.4	85.7	86.0 86.7	86.1	86.9	86.1	86,2	86.2	86.2	86.3 87.1	86,3 87.1	86.3	86.3	86.3 87.1	86.3 87.1	86.4
≥ 3500 ≥ 3000	83.3 83.8	87.8	88.1	88.3	88.4	88.4		88.5 89.2			88.6			88.6	88.6	87.2
≥ 2500 ≥ 2000	84.6 85.0	89.4	89.7 90.7	89.9	90.1	90.1 91.1	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90,4	90.4
≥ 1800 ≥ 1500	85.4 85.7	9().9	91.2	91.4	91.3	91.6		91.7	91.7 92.3	91.9			91.9	91.9	91.5	92.0
≥ 1200 ≥ 1000	86.0 86.1	92.2	92.6	92.7	92.9	93.0 93.6	93,1	93.2 93.8	93.2 93.8	93.4		93.4	93.4	93.4	93.5	92.6
≥ 900 ≥ 800	86.4	92.8 93.1	93.3	93.6	93.9	93.9	94.0	94.2	94.2	94.5		94.5	94.5	94.5	94.1 94.3 94.8	94.6 94.9
≥ 700 ≥ 600	86.7 86.8	93.4 93.6	93.9	94.3	94.6	94.7	94,9	95.1	95.1	95.3		95.3	95.3 95.8	95.3 95.8	95,4 95.8	95.4
≥ 500 ≥ 400	86.9 87.1	93,9 94,1	94.4	95.1 95.3	95.4	95.5	95,9	96.0	96.0	96.3		96.3		96.4	96,4	96.5
≥ 300 ≥ 200		94.4	95.0		96.3	96.4	97.0	97.2		97.9	97.9		97.9	97.9	98.1	98.2
≥ 100		94.5	95,1 95.1	96.1		96.8		98.0	98.0		99.0	99.0	99.1	99.1	99.5 99.51	49.6

TOTAL NUMBER OF OBSERVATIONS

1911

USAF ETAC $\frac{600M}{121.64}$ 0-14-5 (OL A) previous editions of this form are obsolete

CEILING VERSUS VISIBILITY

13909

VANCE AFB OKLAHOMA/ENID

42-46,48-89,65,67,70,74

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	IBILITY (STA	ATUTE MIL	ES)						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2′7	≥2	≥1'2	≥1'₄	≥1	≥ 34	≥,•	≥ 2	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	61.2 67.0	63.9	64.2 70.5		64.9	64.9	65.1 71.6	65.1	71.6	65.2 71.7	65.2	65.2	65.3 71.8	65.3	65.4 71.9	65.8 72.3
≥ 18000 ≥ 16000	67.1	70.4 70.6		71.2 71.4	71.6 71.8	71.6 71.8	71,7	71.7	71.7	71.8 72.0	71.9 72.1	71.9	71.9	71.9	72.0	72.4 72.5
≥ 14000 ≥ 12000	69.2	71.6	71.9	72.5	72.8	72.8	73,0	74.4	73.0	73.1 74.4	73.1 74.5	73.1	73.2	73.2	73.3	73.7 75.0
≥ 10000 ≥ 9000	70.7		75.2	75.9	76.0	76.0	76.2	76.2 76.5	76.5	76.3 76.5	76.6	76.6	76.7	76.7	76.8	76.9
≥ 8000 ≥ 7000	71.6	75.8	75.8 76.2	76.8	76.9	76.9	77,1	77.1	77.5	77.5	77.6	77.6	77.7	77.7	77,8	78.1
≥ 6000 ≥ 5000	72.1	76.0	77.7	77.1	78.9	78.9	79.0	79.0	79.0	79.1	77.8	771.8	79.2	79.2	78.0 79.3	78.4
≥ 4500 ≥ 4000 ≥ 3500	74.1 74.7 75.3	78.2 78.9 79.5	79.2	79.9	80.3	80.3	79,9 80,5 81.3	79.9 80.5 81.3	79.9 80.5	80.6 81.4	80.6 81.4	80.6 81.4	80.7	80.7 81.5	80.8 81.6	80.5 81.2 82.0
≥ 3500 ≥ 3000 ≥ 2500	75.8 76.3	80.0	80.4	80.6 81.1 82.1	81.7	81.7	81.3 82.9		81.8	81.9	82.0	82.0	82.0		82.1	82.5
≥ 2000	77.3	81.8	82.4	83.5	84.1	84.1	84.2	84.2	84.2	84.3	84.6	84.3	84.4	84.4	84.5	84.9
≥ 1500	77.8	82.4	83.0	83.9	84.6	84.6	84.8 86.0	84.9	84.9	84.9	85.0	85.0	85.1	85.1	85.2	85.5
≥ 1000	79.2	84.9	85.7	86.7	87.5 87.7	87.5	87.7	87.9	87.9	87.9 88.2	88.1	88.1	88.1	88.1	88.2	88.6
≥ 800	79.5	85.5	86.6	67.3 87.8	88.1	88.1	89.1	88.5	88.3	88.6	88,7	88.7	88.8	88.3	88,9	89.2 90.0
≥ 600	79.5	85.9 85.1	86.9	88.2	89.4	90.2	90,6	90.9	90.0	90.0	90.1	90.1	90.2	90.2	90.3	90.7
≥ 400	79.5		87.4	88.8		90.9	91,5	91.8	92.5	92.3	92.5	92.5		92.7	92.8	
≥ 200	79.5	86.2	87.5	89.1	91.5	91.5	92.6			94.7	94.4	95.1	94.6	94.9		97.1
) ≥ 0	79.5	86.2	87,5	89.1	91.5	91.5	92.7	93.0	93.1	94.9	95.5	95.5	96.1	96.5	97.3	100.0

CEILING VERSUS VISIBILITY

1

13909 VANCE AFB DKLAHDMA/ENID 42-46,48-72,74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING						<u></u>	VIS	IBILITY (ST	ATUTE MIL	ES:	·				 -	
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2'7	≥ 2	≥1';	≥1'4	≥ì	≥ 14	≥ 5%	≥ 7	≥5 16	≥'₄	≥0
NO CEILING ≥ 20000	59.6 63.8	62.1	62,2				63.2		63.3	63.5	63.5 68.4	63.5	63.5	63.5	63,7	
≥ 18000 ≥ 16000	64.0 64.1	67.0 67.2	67.5	67.8 68.0	67.8	67.8 68.0	68.1 68.4	68.3	68.3	68.5 68.7	68.5	68,5			68.8	
≥ 14000 ≥ 12000	65.1	68.5	68.9 70.4	69.4 70.9	70.9	69,4 70,9	69,8 71,3	69.9	69.9	70.1 71.6	70.2	70.2	70.2	70.2	70.4 72.0	71.1
≥ 10000 ≥ 9000	67.4	70.8			71.9	71.9	72.2	72.4	72.4	72.6		72.6	72.7	72.7	72.9 73.1	73.6
≥ 8000 ≥ 7000	68.5	71.8		72.8	72.9	72.9	73.2	73.4	73.4	73.6 73.8	73.6 73.9	73.6	73.7	73.7	73,9	74.6
≥ 6000 ≥ 5000	69.9	72.3	72.9	74.5	73.5	73.5	73.8	74.0	74.0 75.1	74.2	74.2	74.2	74.3	74.3	74.5	75.2
≥ 4500 ≥ 4000	70.5	74.2	74,7 75,4	75.3	75.4	75.4 76.1	75,7	75.9	75.9	76.1 76.9	76.1 76.9	76.1	76.2	76.2	76,4 77,2	77.1
≥ 3500	72.0	75.9	76.5	77.2	77.3	77.3	77,6	77.9	77.9	78.1	78.1	78.1	78.2	78.2	78,4 79.8	79.1
≥ 2500 ≥ 2000	73.9 75.2 75.4	78.0 79.7 80.1	78,7 80.4	81.2	81.3	79.6 81.3	79,9	80.1 82.0	82.0	80.3	80.4	80.4	82.3	80.4	80.7 82.5	81.4
≥ 1800 ≥ 1500 ≥ 1200	75.7	80.5	81.3	82.1	82.4	81.8	82.8	82.5 83.1	82.5	82.7	82.7	82.7	82.8	82.8	83.6	83.7
≥ 1000 ≥ 900	77.0	82.7 83.1	83.5	83.1 84.3	83.3	83.3		84.0 85.3	85.3	84,2	84.3	84.3	84.3	85.6	84.6	85.3
≥ 800	77.4	83.6	84.7	85.6	86.0 87.0	85.1	85,6	85.9	85.9	86.1	86.2	86.2	86.2	86.2	86,5 87.6	87.2 88.3
≥ 600 ≥ 500	77.6	84.5	85.9	86.6 87.0 88.2	87.6	87.0 87.6		87.9	88.0	88.2	88,4		88.5	88.5	38.7 89.5	90.2
≥ 400 ≥ 300	77.9	85.5 85.6	87.1 87.2	88.8	89.8		89,6 90,4 91,1	90.2	91.1	90.7	91.8	91.8		91.0	91,3	92.1
≥ 200	77.9	85.6	87.3	89.0	90.3	90.4	91,3	91.8 92.1 92.3	91.8	92.4	92,6	92.6	92.9	92.9	93.2	95.4
≥ 0	11.	85.6	87.3			90.4	91.4	92.3	92.4	93,6	94.2	94.2	94.6	94.9	95.7 96.31	97.2

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

1

13909 VANCE AFB DKLAHDMA/ENID 42-46,48-74

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VISI	BILITY (ST)	ATUTE MILE	S						
rFEET	≥10	≥6	≥5	≥ 4	≥3	≥2'2	≥ 2	≥1'7	≥174	≥;	≥ ,⁴	≥,•	≥ ;	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	52.6 56.9		56.9	57.3 62.1	57.5 62.4	57.5 62.4	57,7 62,6	37.7 62.7	57.7 62.7	57.9 62.8	57.9 62.8	57.9 62.8	57.9 62.8	57,9 62.9	58.0 62.9	
≥ 18000 ≥ 16000	57.3 57.5	61.0	62.1 62.3	62.5	62.8	62.8	63.0 63.2	63.1	63.1	63.2	63.2	63.2	63.2	63.3	63.3	64.0 64.2
≥ 14000 ≥ 12000	59.2 61.0	63.1 65.0	64,1	64.6 56.5	64.8	64.9	65,1	65.1	67.1	65.3	65.3 67.3	67.3	65.3	67.3	65.4 67.4	66.1
≥ 10000 ≥ 9000	62.6 62.8	67.0	68.2 68.4	68.6	68.9 69.1	68.9 69.1	69,2	69.2 69.4	69.2	69,4	69.4	69.4	69.4	69.4 69.6	69.5	70.2 70.4
≥ 8000 ≥ 7000	63.7	68.2 69.0	70.2	69.9	70.1	70.2 71.0	70.4	70.5 71.3	70.5	70.6	70,6 71.5	70.6	70.6	70.7	70.8	71.5 72.3
≥ 6000 ≥ 1000	64.8	70.5	70.8	71.2	71.5	71.6	71.8	71.9	71.9	72.0 73.1	72,0	72.C	72.0	72.1	72.1	72.9
≥ 4500 ≥ 4000	66.8	71.7	72.2	72.7	73.8	73.9	73.3	73.3	73.3	73.5 74.4	73.5	73.5	73.5	74.4	73.6	75.2
≥ 3500 ≥ 3000	67.4	72.5	73.9	74.6	75.9	74.9	75,2 76.2	75.2 76.3	75.2	75.4	75.4	75.4	75.4	75.4	75.5	76.3
≥ 2500 ≥ 2000	70.2	74.5		76.6	78.5	77.0 78.6	77.3 78.9	77.3 78.9	77.3	77.5	77.5	77.5	77.5	77.6	77.6	78.4 80.0
≥ 1800 ≥ 1500	70.6	76.6	79.6		79.2 80.9	79.3 81.0	79.6	79.6 81.4	79.6	79.8 81.6	79.8	31.6	81.6	81.7	81.7	80.7
≥ 1200	72.7	79.5 80.7	81,2	82.1 83.6		82.7	83,1	83.2 84.7	84.7	83.4	83.4	83.4	85.0	85.0	83.6 85.1	85.9
≥ 900	73.8	81.0	82.8		4	84.6	85,0 85,6	85.9	85.9	85.5	85.5	85.5	86.3	86.3	86.4	86.4 87.2 88.5
≥ 700 ≥ 600	74.0	81.9 82.1	84.6	85.6 86.3	87.2	87.4	87.0 88.0	87.2 88.2	88.2	87.6	87.6 88.6	88.6	88.7	88.7	88.9	
≥ 500 ≥ 400	74.2 74.3 74.3	83.0		87.6	89.0	88.6	90.3	90.8	90.9	90,1 91.5	90.1 91.5 92.8	90.2	90.3	90.3	91.9	1
≥ 300	74.3	83.0	11"1	87.9 87.9	89.6	90.0		91.7 92.1 92.3	91.8 92.3 92.5	92,8 93,6 94.1	94.0	94.0	93,1 94,5	94.6	94.8	93.8
≥ 100 ≥ 0	74.3		85.9		1 1			92.3	92.5	94.2	94.8	94.9	95.6			100.0

CEILING VERSUS VISIBILITY

1

€

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ISTA	ATUTE MILI	ES,						
FEET	≥ 10	≥6	≥5	≥4	≥3	≥2:	≥?	≥1;	≥1.	≥!	≥ 34	≥'•	≥ 2	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	51.1 58.2	53.6 61.3	53,9 61.9	54.2 62.3	54.2 62.4	54,2 62,4			54.4 62.6	54.4 62.7	54.4 62.7	54.4 62.7	54,5 62.7	54,5 62.7	54,5 62.7	54.7 63.0
≥ 18000	59.0 59.3	62.5	62.7	63.1	63.1	63.2	63,2	63.3 63.7	63.4	63.4	63.5	63.5	63.5	63.5	63.5	64.1
≥ 14000 ≥ 12000	62.4	63.5	64.4	64.7	64.8	64.8	64.9			55.1 67.4	67.5	67.5	67.5	67.5	67.5	67.8
≥ 1000€ ≥ 9000	64.6	67.9 68.5	69.2	69.0	69.8	69.8	69,3	70.0	70.1	69.5 70.1	70.1	70.1	70.2	70.2	70.2	70.4
≥ 8000 ≥ 7000	65.5	70.4	70.4	70.8	72.0	71.0 72.0	72.2	71.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.7
≥ 6000 ≥ 5000	66.7 67.2	70.9	72.5	73.1	72.6	72.6	72,7	72.8	73.5	72.9	73.6	73.6	73.6	73.6	73.6 73.9	73.2
≥ 4500 ≥ 4000 ± 3500	67.8	71.8 72.3 73.1	72.7	73.3 73.9	74.2	73.6 74.2 75.0	73,7 74,3 75.2	73.8 74.4 75.3	73.8	74.5	74.5	74.5	74.5	74.6	74.6	74.9
≥ 3000 = 2500	69.0	73.7	74.7	75.4	75.7	75.7	75.9	7 - 4 - 1	76.0	76.1 77.1	76.1	76.1	76.1	76.1 77.2	76.1	76.5
≥ 2000	70.5	75.6 76.1	76.7	77.6	78.0	78.0	78,3	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.6	
≥ 1500	72.0	77.7	79.0	80.3	80.7	80.8	81.1	81.3	81.3	81.3	81.4	81.4	81,4	81.4	81.4	81.7
≥ 1900	73.8	80.3	82.8	83.5	84.2	84.3	84.7	84.8	86.3	36.4	85.0 86.4	85.0	85.0	85.0	85.0	85.4
≥ 800	74.4	82.0	84.1	85.5	87.4	86.5	87,1		87.5	87.6	88.9	88.9	89.1	87.7	87.7 57.1	88.0
≥ 600 = 500 ≥ 400	74.8	82.7	85.0	1	88.4 89.1	89.4	90.3	90.8	91.3	90.0	91.6	90.1	90.2	90,2	90.3	92.2
2 300 2 200	74.8 74.8 74.8	82.8		88.4 88.4	90.0 90.0	89.8 90.4 90.5	91.9 91.9 92.1	92.7	92.3	1	92.8 94.3 95.2	94.3	93.1 94.7 95.9	93.1 94.7 96.0	93.2 94.8 96.2	
<u>2</u> ;∪∪ ≥ 0	74.8	82.8	85.2	1 - 1 - 1	90.0		92.1	93.1	94.0	95.1	95.5	95.7	96.6 96.7	96.7	97.2	

CEILING VERSUS VISIBILITY

1

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

LEILING							VIS	IBILITY ≠STA	ATUTE MILE	ES,						
FEET	≥10	≥6	≥3	≥ 4	≥3	≥2'2	≥ 2	≥1,	≥1.4	≥1	≥ 14	≥ 3/8	≥ ′ಌ	≥ 5 16	≥ '4	≥0
NO CEILING ≥ 20000	52.9 62.7	54.0 64.5	54,2 64,9	54.4 65.0	54.4 65.0	54.4	54,5	54.5 65.2	54,5 65.2	54.5 65.2	54.5 65.2	54.5 65.2	54.5 65.2	54.5	54.5 65.2	
≥ 18000	63.2 63.8	65.0	65,9	65.5	65.5	65.5	65,7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65,7 66,3	
≥ 14000 ≥ 12000	64.8 56.9	66.8 69.2	69.7	67.5	67.5	67.5 69.9	67,6 70.1	67.6 70.1	67.6	67.6	67,5 70.1	70.1	67,6 70.1	67.6 70.1	67,6 70.1	67.6 70.1
≥ 10000 ≥ 9000	66.4	70.9 71.5	71.4 72.0	71.7	71.8	71.8 72.4	72.5	71.9 72.6	71.9	71.9	71.9 72.6	71.9	71.9	71.9	71.9	71.9
≥ 8000 ≥ 7000	70.5	72.1	72.6	72.9	73.0 74.3	73.0	73.2	73.2	73.2	73.2	73.2 74.5	73.2	73.2	73.2	73.2 74.5	73.2
≥ 5000	71.0 71.3	73.9	74.9	74.8	75.0 75.4	75.0 75.5	75,2 75.6	75.2 75.7	75.2	75.7	75.2	75.2	75.2	75.7	75.2 75.7	75.2
≥ 4500 ≥ 4000	71.7	75.2	75.4 75.9	75.7	75.9 76.5	75.9 76.5	76.1	76•1 76•7	76.7	76.7	76.7	76.1	76.7	76 · 7	76.7	76.1
≥ 3500	72.6	75.7 76.6		76.7	76.9 78.0	77.0 78.0	77,1 78,2	77.1	77.1	78.2	77.1	770.2	778.2	78.2	78.2	
≥ 2500 ≥ 2000	74.0 75.0	77.5		78.7 80.5		79.0 80.8	79,1 80.9	79.2 80.9	79.2 80.9	79.2 80.9	79.2 80.9	79.2 80.9	80.9	79 • 2 80 • 9	79.2	80.9
≥ 1800 ≥ 1500	75.4 76.7	79.7	80.7	· • • • •		81.5	84.2	81.7	81.7	81.7	81.7 84.2	84.2	84.2	84.2	81.7 84.3	81.7
≥ 1200	78.2	84,0	85.7	86.5	87.0	85.4 87.1	85,7 87,4	85.8 87.6	85.8	85.9 87.7	85.9 87.7	85.9 87.7 88.6	85.9 87.7 88.7	87.7 88.7	86.0 87.8	
≥ 900 ≥ 800	78.4 78.4 78.5	85.0 85.2	86.8			88.7	88,3	88.6 89.5 90.5	88.6 89.5 90.5	89.6	89.6	89.6	-0	89.6	89,7	89.7
≥ 700 ≥ 600	78.8	85,6	87.7	89.5	90.4	90.6		91.7	91.7	91.9	90.6 91.9 93.4	91.9	92.0	92.0	92.1	92.1
≥ 500 ≥ 400 ≥ 300	78.9 78.9	86.0			91.8	92.2 92.8	92.3	92.8 94.1 95.3	92.8 94.1 95.6	94.7	94.9	94.9		95.2	95.3	95.3
> 100	78.9	86.1	88.6	91.0	92.7	93.2	94.7	96.0	96.4	97.4	97.8			98.4	98.6	98.7
≥ 0	78.9		88.6			93.2	1 1 7 5 1	96.0		97.6	98.1	98.2	98.7			100.0

CEILING VERSUS VISIBILITY

13909

VANCE AFB DKLAHDMA/ENTD

42-46,48-74

DEC

RCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	IBILITY (ST.	ATUTE MILI	ES.				*****	 	
FEE1	≥10	≥6	≥ 5	≥ ∡	≥3	≥2'2	≥2	≥1'2	≥1'₄	≥1	≥ ,1	≥ 5/*	≥ 1/2	≥ 5 16	≥'₁	≥0
NO (FILING) ≥ 20000	53.7 63.7	55.1 65.9	55,4 66,2	55.4 66.4	55.4 66.4	55.4 66.4	55,4	55.4 66.5	55.4 66.5		55.4 66.5	55.4	55.4 66.5	55.4	55.5 66.6	55.5
≥ 180v0 ≥ 16000	64.4	66.6		67.1 67.7	67.1 67.8	67.1 67.8	67,2	67.2 67.8	67.2 67.8	67.2 67.8	67.2 67.8	67.8	67.2 67.8	67.2 67.8	67.3 67.9	67.3 67.9
≥ 14000 ≥ 12000	66.1	68.7 71.2	69.1 71.6	69.2	69.2 71.8	69.3 71.8	69.3	69.3 71.9	69.3	71.9	69,3 71.9	69.3	69.3	69,3	69.4 72.0	69.4 72.0
≥ 10000	69.2	72.7	72.9	73.0	73.4	73.1 73.4	73.2 73.5	73.2	73.2	73,2 73,5	73.2	73.2	73.2	73.5	73.3	73.3
≥ 8000 ≥ 7000	70.2	73.4	74.0	75.3	74.2	74.2	74.3	75.4	74.3	74.3	74.3	74.3	74.3	75.4	75.6	75.6
≥ 6000 ≥ 5000	71.6 72.5 73.0	75.0 76.0	75.7	75.8 76.9	75.8	77.0		77.1	76.0	77.1	77.1	76.0	77.1	77.1	77.3	76.1
≥ 4500 ≥ 4000 ≥ 3500	73.8	76.5 77.4 78.0	78.0	78.3	78.3	77.4 78.4 79.1	77,5 78.4	77.5 78.5	78.5		77.6 78.5	77.6	78.5	78.5	78.6	78.6
≥ 3000 ≥ 2500	75.1	78.7	79.6	79.9	79.9	80.0	115	80.1	80.1	80.1	80.1	80.1	80.1	80.8	80.2	80.2
≥ 2 70	77.0	81.2	82.1	82.5	82.6	82.5	82.7	82.8	82.8	82.8	82.8		82.8	82.8		82.9
≥ 1500	78.1 78.7	83.3	84.4	85.0	85.3	85.4	85,5	87.3	85.6	85,6	87.5	87.5	85.6	87.5	87.6	85.7
≥ 1000 ≥ 900	79.0	85.2 85.6	86.7 87.2	87.6	88.8	88.8	88.5	88.7 89.5	89.5	88.8	88.9	88.9	88.9	88.9	89.0	89.9
≥ 800	79.3	86.3	88.4	1 7 7 .	90.8	93.0	91.7	92.0	90.5	92.1	90.8	92.3	92.4	90.8	91.0	91.0
≥ 600 ≥ 500 ≥ 400	79.7	86.9	89.3	91.1	92.1	92.4	93.3	93.7	92.8	94.2	94.4		93.4	93.4	93.5	94.8
≥ 300 ≥ 200	79.9	87.0	89.6	91.7	92.7	93.4	94.0		95,6	96.6	97.1	97.1	97.5 96.4	95.1		96.2 97.8 98.9
≥ 100 ≥ 0	79.9 79.9 79.9	87.0 87.0 87.0	89.6	91.8	93.1 93.1 93.1	93.4 93.4 93.4	94,7	95.8 95.8	96.2	97,5		98.2	98.7	98.6 99.0 99.0	99.2	99.4 100.0

CEILING VERSUS VISIBILITY

13909 VANCE AFB DKLAHDMA/ENID 42-46,48-74

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEIUNG							V15	BILITY (STA	ATUTE MILI	ES:						
FEFT	≥10	≥6	≥5	≥4	≥3	≥21/2	≥ 2	≥112	≥)'₄	≥1	≥ 3,4	≥,°	≥ 'a	≥ 5 16	≥ ;•	≥0
NO CEILING	58.6 66.4	69.7	61.1	61.2	61.3	61.3	61,3			61.4 70.5	61.4	61.4	70.5	61.4	61.4	
00001 ≤	66.8 66.9	70.1	70.5	1	70.7	70.7	70,7	70.8	70.8	70.8 71.1	70.8 71.1	70.8	70.8	70.8	70.9 71.1	71.1
≥ 14000 ≥ 120°0	67.8 69.7	71.3 73.6		71.8	71.9	71.9	71.5	72.0	74.6	72.0	72.0	72.0	74.6	72.0	72.1	72.1
≥ 10000	71.0	75.1	75.7 76.4			76.0 76.6	76,1 76,7	76.1 76.8		76.2 76.8	76.2 76.8		76.2	76.8	76.9	
≥ 8000 ≥ 7000	72.4	76.9	78.5	79.7	77.8	77.8	77.9 78.8	78.9	78.9	78.0 73.9	78.9	78.9	78.9	78.0 78.9	78.1 79.0	
≥ 5000 ≥ 5000	73.4	79.0	79.7	80.0	79.2 80.0	79.2 80.0		80.2	79.4 80.2	80.2	79,4 80,2	79.4	80.2	79.4 80.2	79.4 80.2	80.2
≥ 4500 ≥ 4000	74.8 75.5	79,6 80,4	81.2	80.6 81.5	80.7	81.7	80.7 81.7	80.8 81.3	80.8	81.8	80.3	81.8	81.8	80.8	81.9	80.9
≥ 3500 ≥ 3000	76.1 76.6	81.8	82.1 82.8	****		82.5 83.2	82.6	83.4	82.7	82.7 83.5	82.7	83.5	83.5	82.7 83.5	82.7	82.7
≥ 2500 ≥ 2000	77.7	83.4	85.3		86.0	85.0		85.2	85.2	85.3 86.2	85.3	85.3 86.2	85.3 86.2 86.7	85.3 86.2 86.7	85.3 86.3	86.3
≥ 1800 ≥ 1500	78.5 78.9 79.3	84.6 85.3 85.9	85.6 86.5 87.1	87.2	86.4	86.4	36,5 87,7	87.8			86.7	86.7 87.8 89.0	87.8	87.8	86.7 87.9 89.0	87.9
≥ 1200 ≥ 1000 ≥ 900	79.6	86.9			89.8	88.6 89.8 90.3	88,7 89.7	88.8 90.2 90.8	90.2	90.4	90.4 91.0	90.4	90.4 90.4		_	90.4
≥ 800	79.7	87.2 87.6	88,8	90.2	91.2		92.0	91.7		91.9	91.9 92.6	91.9		117	92.0	11
≥ 600	80.0	88.0	89.8	91.3	92.4	127.1	92.9	93.2	92.2		93.4	93.4	93.4	93.4	93.5	
≥ 400	80 e 1	88.5	1	91.9	93.3	93.4	94.0			95.0	95.2	95.2	95.4	95.4	95.4	95.4
≥ 200	80.1	88.8	90.9	92.5	94-2		95.1	95.9	96.1	96.8	97.1	97.1	97.5	97.6	97.7	97.7
≥ 0	80.1	88.8			1		95.3		96.3	97.2	97.6	=	98.3	98.5		100.0

CEILING VERSUS VISIBILITY

13909 VANCE AFB OKLAHOMA/ENID 42-46,48=74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	IBILITY (ST	ATUTE MILI	ESI						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2¹7	≥ 2	≥1'7	≥1¹4	≥1	≥ 34	≥ ′,	≥ 1/2	≥ 5 16	≥'₄	≥0
NO CEILING ≥ 20000	61.9	64.7	65.0 71.8			65.5 72.4	65,5 72,6		65.7 72.6	65.8	65.8 72.7	65.8	65.8	65.8 72.7	65.8 72.7	65.9
≥ 18000 ≥ 16000	68.1 68.4	71.4	72.0 72.3	72.5	72.6	72.5	72.8	72.8 73.2	72.8	72.9	72.9 73.3	72.9	72.9	72.9	72.9 73.3	73.1 73.4
≥ 14000 ≥ 12000	69.3 70.7	72.8	73.4 74.9	73.9 75.4	74.0	74.0 75.5	74,2 75.7	74.2 75.8	74.2 75.8	74.3	74.3 75.9	74.3	74.3 75.9	74.3 75.9	74.3 75.9	74.4 76.0
≥ 10000	72.7	76.3 76.5	77.0 77.2	77.6	77.9	77,7	77.9 78.0	77.9 78.1	77.9	78.2	78.0 78.2	78.0	78.2	78.0 78.2	78.0 78.2	78.1 78.3
≥ 8000 ≥ 7000	73.5	77.6 78.1	78.3 76.8	79.4	79.5	79.0	79.2	79.2	79.2	79.8	79.8	79.8	79.8	79.3 79.8	79.3 79.8	79.4
≥ 6000 ≥ 5000	74.3 75.4	78.5	80.3	79.8	81.0	79.9 81.0	80,1 81.2	80.2 81.3	80.2	81.4	80.3	80.3	80.3	80.3	80.3 81.4	81.5
≥ 4500 ≥ 4000	75.7 76.3	79.9 80.5	81.2	81.8	82.0	81 94 82 • 0	82.1	82.2	82.2	82.3	81.7 82.3	82.3	81.7	81.7 82.3	81,7 82.3	81.8
≥ 3500 ≥ 3000	76.6	81.0	82.3	82.5 82.9	83.1	82.6 83.1	82.8	82°9 83°4	82.9	83.5	83.0 83.5	83.5	83.5	83.0	83.6	83.7
≥ 2500 ≥ 2000	77.6	82.3	84.8	83.9	85.9	84.2	84.4	84.5	86.3	84.6	84.6	84.6	84.6	84.6	86.6	84.7
≥ 1800	78.5 78.8	83.9	85.6		86.7	86.7	86,5	86.6 87.2	86.6	87.3	86,7 87,3	86.7	86.7	86.8	86.8	86.9
≥ 1200 ≥ 1000 ≥ 900	79.3 79.6	85.8	86.4 87.3 87.8	87.2 88.3 88.8	88.7	87.6 88.7	89.1 89.7	88.1 89.1 89.8	89.1	88.3	58,3 89.3	89.3 89.9	88.3 89.3	88.4 89.5	88,4 89.5	88.5
≥ 800	79.7	86.4	88.0		89.6	89.2 89.6 90.0	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.5	90.5	90.2 90.6 91.0
≥ 600	79.8	86.8	88.4	89.6	90.2	90.3	90.9 90.9	90.6 90.9 92.3	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.3
≥ 500 ≥ 400 - , 300	80.0	87.4	89.3	90.9	91.8	91.9			92.9	93.3	93.4	93.4	93.6	93.8	93.8	93.9
≥ 200 ≥ 100	80.1	87.6	89.9	91.8	93.1	93.2	94.5	1 1	95.2	95.7	96.1	96.1	96.4	96.6	96.6	96.7
≥ 0	80.1	87.6	11 11		93.1	93.2		95.3	95.4	96.4	96.7		97.6			100.0

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

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PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.
- NOTE: #1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.
- NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0 1 2 3 4 5 6	0 1 3 4 5 6 8 9
8 (or obscured)	10

SKY COVER

13909

VANCE AFB OKLAHOMA/ENID

46-70

ALL

MOITATE

1

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

момтн	HOURS				PERCENTAGE	FREQUENC	OF TENTH	OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L \$.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085
JAN	ALL	29.5	5.0	5.2	3.9	3.2	2.2	2.6	3.5	4.8	3.6	36.5	5.3	1462
FEB		28.9	5.3	5.4	4.6	3.2	2.1	3.1	4.1	4.8	3.2	35.3	5.2	1259
MAR		27.7	4.6	5.3	4.9	3.5	2.6	3.0	4.1	5.3	3.7	35.3	5.3	1353
APR		27.1	4.3	4.7	4.6	4.1	3.4	3.0	4.7	6.2	5.1	33.0	5,4	1298
MAY		20.5	5.4	5.6	5.6	4.7	3.9	4.5	5.6	7.6	5′.7	30.9	5.6	1369
JUN		23.7	6.9	7.2	6.8	6,0	4.8	4.0	6.5	7.9	6.1	20.0	4.8	1366
JUL		22.5	8.7	7.4	7.8	6.7	5.4	4.6	7.0	7.9	5.7	16.4	4.6	1391
AUG		30.7	8.2	7.4	6.7	5.9	4.8	4.1	5.8	.6.3	4.8	15.3	4.0	1413
SEP		39.0	6.7	6.1	5.3	4.1	3.2	3.0	4,4	5.2	4.5	18.4	3.8	1362
act		42.9	6.2	5.2	4.4	3.4	2.5	2.9	3.9	.4.7	3.6	20.5	3.7	1427
NDV		40.8	5.5	5.4	4.2	3.2	2.2	2.9	3.7	.4.6	3.2	24.4	4.0	1365
DEC		33.6	5.8	5.5	4.4	3.3	2.1	3.0	3.7	.4.19	3,6	30.1	4.7	1369
7 TO	ALS,	30.6	6.1	5.9	5.3	4.3	3.3	3.4	4.8	5.9	4.4	26.3	.4.7	16438

FORM 0-9-5 (OL A) USAFETAC FREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

13909 VANCE AFB OKLAHOMA/ENID

46-47,49-70

JAN

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			4	PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
HTMOM	(LST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JAN	00-02	38.8	3.8	4.8	3.8	3.1	2.3	2.2	2.3	2.8	1.9	34.3	4.6	1303
	03-05	39,4	2.5	4.0	3.6	2.8	1.3	2.2	3.2	3.7	1.3	35.8	4.8	1633
	06-08	29.8	4.7	5.1	3.7	2.9	2.1	2.3	3.0	5,9	3.5	37.0	5.3	2036
	09-11	21.7	6.4	5.1	3.3	3.0	2.1	2.8	4.3	5.7	5,4	40.2	5.9	2145
	12-14	20.0	6.4	5.3	4.0	3.0	2.5	2.7	4.7	6.0	5.2	40.2	6.0	2150
	15-17	20.6	6.1	5.1	4.3	3.4	3.3	2.4	3.9	6.1	6.1	38.7	5.9	2130
	18-20	27.1	6.1	6.6	4.9	3.6	2.2	3.4	3.9	5.0	3.6	33.6	5.2	1785
	21-23	38.3	4.2	5,5	3.7	3.7	2.0	2.5	2.5	3.5	1.7	32.3	4.5	1447
	TAL5	29.5	5.0	5.2	3.9	3.2	2.2	2.6	3,5	.4.8	3.6	36.5	5.3	1462

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

SKY COVER

13909

1

VANCE AFB OKLAHOMA/ENID

46,49,70

FEB

STATION

STATION NAME

950100

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(LS.T)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
FEB	00-02	36,3	3.6	5.0	3.9	3.1	1.6	2.8	3.3	3.2	1.5	35.6	4.8	1101
72-7	03-05	38.0	2.4	4.7	3.8	2.4	1.5	2.4	3.9	2.5	1.8	36.6	4.8	1394
	06-08	27.3	5.0	4,8	4.5	2.9	5.0	2.0	4.1	4,8	3.2	39.0	5.5	1740
	09-11	24.0	6.1	4.1	3.4	2.9	2.3	3.3	3.7	5 •6	5.7	38.9	5.8	1871
	12-14	22.2	6.7	5,0	5.2	3.3	2,8	3.5	4.3	5.8	4.0	37.1	5.6	1872
	15-17	21.6	7,1	6.3	4,5	4.3	2.9	3.4	5.5	6.7	4.9	32.7	5.5	1848
	18-20	26.2	6.4	7.3	6.1	3,4	2.5	4.0	4.7	5,2	3.0	31.2	5.0	1552
	21~23	35.4	5,2	5,6	5.3	3.3	1.5	3.6	3.1	4.6	1.5	31.3	4.6	1219
то	TALS	28.9	5,3	5,4	4.6	3.2	2.1	3.1	4.1	.4.8	3,2	35.3	5.2	12597

USAFETAC JUL 64 0-9-5 (OL A) PRE 35 EDITIONS OF THIS FORM ARE ODSOLETE

SKY COVER

13909

VANCE AFB OKLAHOMA/ENID

46,49-70

MAR

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONIN	(L.S T)	0	1	2	3	4	5	6	7	ક	9	10	SKY COVER	OBS
MAR	00-02	39.4	3.1	5.2	5.0	2.6	1.7	2.4	3.1	3.3	1.9	32.4	4.5	1146
	03-05	40.6	2.4	4.1	4.2	3.0	2.0	2.8	3.0	2.9	1.1	33.9	4.5	1481
	06-08	24.8	5.7	5.9	5.2	3.4	2.5	2.4	3.7	5.6	4.1	36.7	5.5	1890
	09-11	21.0	5.7	4.3	4.3	3.8	2.5	2.4	4.2	5.8	5,2	41.0	6.0	2013
	12-14	19.0	4.8	4.3	4.1	3.1	3.5	3.7	4.4	7.0	6.8	39.6	6.2	2000
	15-17	18.1	6.0	4.8	5.1	3.9	2.9	3.3	4.9	7.3	5.1	38.7	6.1	1979
	18-20	23.0	5.4	7,4	5.8	4.2	2.8	3.7	5.4	6.6	3.8	31.8	5.3	1672
	21-23	35.8	3.5	6.7	5.5	4,3	2.5	3.5	3.7	4.1	1,8	28.5	4.4	1353
τo	TALS	27.7	4.6	5.3	4.9	3.5	2.6	3.0	4.1	5.3	3.7	35.3	5.3	13534

USAFETAC

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

13909

VANCE AFB OKLAHOMA/ENID

46,49-70

APR

STATION

STATION NAME

PERIOD

MONT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(LST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
APR	00902	43.1	2.3	2.8	3.6	3.7	1.8	2.2	2.9	4.0	2.4	31.2	4.4	1100
	03-05	35.7	3.3	4.9	4.0	4.9	2.1	2.9	3.5	5.2	2.6	31.1	4.7	1436
	06-08	19.7	5.2	5.3	3.8	3.7	3.2	3.3	5,3	7.1	6.0	37.5	6.0	1831
	09-11	20.8	4.0	4.1	4.2	4.4	4.0	2.6	5.0	6.3	6.0	38.6	6.0	1936
	12-14	17.9	4.6	4.8	5.2	3.3	3.9	3.6	6. ī	8.3	7.5	34.8	6.1	1935
	15-17	19.7	4.8	4.9	4.4	4.2	4.4	3.6	6.1	7.9	7.8	32.2	5.9	1902
	18-20	23.0	6.0	4.6	6.3	5,2	4.6	3.1	5.1	7.4	5.7	29.1	5.3	1592
	21-23	36.7	4.5	5.8	5.3	3.1	2.9	2.5	3.6	3.0	3,0	29.6	4.5	1251
10	TALS	27.1	4.3	4.7	4.6	4.1	3.4	3.0	4.7	6.2	5.1	33.0	5.4	12963

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

USAF

SKY COVER

13909

VANCE AFB OKLAHOMA/ENID

46,49-70

MAY

STATION

1

(

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCUPRENCE (FROM HOURLY OBSERVATIONS)

жоптн	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(LST.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
MAY	00-02	32.4	3.5	4.7	5.7	4.0	3.1	4.7	3.0	.4.2	2.1	32.6	4.9	118
	03-05	24.4	4.3	6.1	6.8	4.0	3.3	3.4	5.6	7.0	4.1	31.1	5.3	150
	06-08	16.3	4.2	4.9	4.6	4.1	2.9	4.4	5.4	9.0	5.9	38.3	6.3	191
	09-11	18.8	5.4	3.9	4.1	4.2	3.9	5.2	5.8	8.6	6.5	33.7	6.0	201
	12-14	15.3	6.1	5.6	4.4	5.3	5.4	5.0	6.9	8.5	7.3	30.3	5.9	201
	15-17	14.1	5.8	5.9	5.7	6.4	4.7	5.6	6.9	9.7	8.1	27.1	5.9	198
	18-20	16.2	7.8	7.0	6.7	4.9	3.9	4.7	6.3	7.8	8,2	26.6	5.5	168
	21-23	26.7	6.3	5.9	7.0	4.3	3.9	3.9	4.6	5.7	3.1	27.6	4.8	138
TO	TALS	20.5	5.4	5.6	5.6	4.7	3.9	4.6	5.6	7.6	5.7	30.9	5.6	1369

USAFETAC

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

13909

7

VANCE AFB OKLAHOMA/ENID

46,49-70

JUN

STATION

STATION NAME

PERIOD

MONTE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

момтн	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(LST.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JUN	00-02	41.8	4.7	6.0	6.4	4.1	2.3	2.5	2.3	5.6	2,5	21.8	3.8	1199
	03-05	27.0	6.1	8.8	6.3	5.5	3.8	3.0	5.2	6.5	2.5	25.3	4.7	1503
	06-08	18.3	7.2	6.1	5.0	5.6	4.8	3.5	5.8	7.9	8,4	27.6	5.6	1890
	09-11	18.3	7.7	6.6	5.7	5.2	4.6	4.1	6.7	17.1	7.5	23.5	5.4	2006
	12-14	15.4	6.3	5.8	7.0	6.8	7',4	4.2	10.4	10.8	8,5	17.3	5.4	2006
	15-17	15.4	5.9	7.0	9.4	9.0	7.9	6.1	9.5	9.4	7.4	12.9	5.0	1960
	18-20	21.3	9.9	8.4	7.7	6.1	4.5	4.7	7'.7	8.0	8,2	13.6	4.5	1685
	21-23	32.1	7.6	9.0	7.1	5.7	3.3	4.2	4.7	·5•1	3,6	17.6	3.9	1413
														
														
то	TALS	23.7	6.9	7.2	6.8	6.0	4.8	4.0	6.5	7.9	6.1	20.0	4.8	13662

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

13909 VANCE AFB OKLAHOMA/ENID

46,49.70

JUL

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(LSI)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JUL	00-02	40.6	5.7	7.7	6.6	5,6	3.8	3.2	3.9	4.3	2.1	15.5	3.4	1235
	03-05	29.4	9.4	6.7	7.2	7.2	3.2	3.0	4.7	6.7	3.9	18.7	4.2	1523
	06-08	17.4	8.3	7.2	6.7	5.5	3.4	3.8	7.7	9.2	8.2	22.5	5.3	1314
	09-11	19.0	9.3	6.4	6.4	6.0	4.6	4.4	8.1	'7.2	7,1	21.6	5.1	2042
	12-14	11.3	7.3	6.7	7:7	7.5	8.5	5.8	9.5	11.4	7.3	17.1	5.5	2041
	15-17	11.1	7.6	6.2	10.5	7.9	9.6	6.7	9.2	10.8	8.2	12.1	5.2	1994
	18-20	19.6	10.8	8.3	9.1	7.0	5.7	5.4	8.2	8.6	6.4	10.9	4.4	1717
	21-23	31.3	9.8	10.3	8.3	7.0	4.0	4.7	4.5	-5.3	2.4	12.4	3.5	145
									!					
10	TALS	22.5	8.7	7.4	7.8	6.7	5.4	4.6	7.0	7.9	5.7	16.4	4.6	1391

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

SKY COVER

13909 VANCE AFB OKLAHOMA/ENID

46,49,70

AUG

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

WC!11H	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN ENTHS OF	TOTAL NO OF
MCNIN	(151)	0	1	2	3	4	5	6	7	8	9	10	JKY COVER	OBS
AUG	00-02	52.1	4.9	6.4	4.3	3.0	3.5	3.3	3.8	2.4	2.5	13.9	2.9	1216
	03-05	40.8	7.3	6.7	4.9	4.7	3.6	3.0	3.3	6.9	2.6	16.1	3.5	1542
	06-08	22.1	8.7	6.5	6.0	5.7	4.5	3.6	5.8	8.0	6,5	22.4	4.9	1960
	09-11	25.6	8.1	7.2	6.4	6.4	4.2	3.1	6.1	6.5	6.2	20.5	4.6	2097
	12-14	19.4	∵ 2	6.7	6.6	6.5	8,1	5.6	8.2	7.8	7.4	16.3	4.9	2092
	15-17	16.3	7.8	8.0	9,9	9.4	7.1	6.4	7.7	8.9	6,6	11.9	4.7	2041
	1820	23.4	12.2	9.2	8.9	6,4	3.7	4.6	7.2	6.8	4.8	9.8	3.8	174
	253	42.7	8.9	8.1	6.9	5.1	3.8	3.3	4.6	3.3	1.5	11.7	2.9	143
ΙΟ	TALS	30.7	2.2	7.4	6.7	5.9	4.8	4.1	5.8	6.3	4.8	15.3	4.0	1413

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFET \C

SKY COVER

13909 VANCE AFB DKLAHOMA/ENID

46,49-70

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	OF TENTHS	OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085
SEP	00-02	57.5	4.5	4.6	4.5	2.6	1.2	1.9	2.9	2.7	2.1	15.4	2.7	1212
	03-05	50.6	4.7	5.1	4.5	2.5	1.9	2.3	2.9	2.9	2.7	19.9	3.3	1502
	06-08	30.9	7.9	6.3	4.8	4.0	3.6	2.4	4.4	3.8	6.0	24.0	4.5	1878
	09-11	31.8	6.4	5.8	5.0	4.7	3.0	3.0	4.7	6.3	5.7	23.5	4.5	1992
	12-14	25.0	7.3	6.2	6.0	5.9	5.3	4.4	6.4	6.7	6.6	20.3	4.7	1998
	15-17	26.1	8.7	6.7	7.3	6.0	3.0	3.8	6.1	7.1	6.6	16.6	4.4	1952
	18-20	38.5	8.0	8.0	5.8	3.7	2.9	3.7	4.9	6.1	4.1	14.1	3.5	1681
	21-23	51.0	5.8	5.1	4.8	3.4	3.0	2.3	3.0	-4.0	2.0	13.7	2.8	1412
		! 												
10	TALS	39.0	·ó.7	6.1	5.3	4.1	3.2	3.0	4.4	5.2	4.5	18.4	3.8	13627

USAFETAC

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

13909 VANCE AFB OKLAHOMA/ENID

46,48-70

OCT

STATION

1

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONIN	(L.S T)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
OCT	00-02	57.5	4.2	3.9	3.6	1.8	1.1	2.7	2.7	2,7	1,3	18.5	2.9	1256
	93-05	54.5	3,9	5.1	3.1	2.6	1.1	1.6	2.8	3.5	1,3	20.7	3.1	1564
	06-08	34.6	7.1	5,8	5.3	3.0	2.6	2.7	4.0	6.1	4.6	23.3	4.3	1981
	09-11	32.8	7.2	5.1	4,5	3,9	3.2	3.3	4.1	5.0	4.7	26.1	4.5	2114
	12=14	33.1	6.4	5.0	4.4	3.8	3.8	3.5	4.8	5.4	6.0	23.7	4.5	2121
	15-17	34.2	8.2	5.8	4.5	3.7	3.0	3.8	5.2	6.2	5,6	19.7	4.2	2073
	18-20	41.5	7.4	5.2	5.9	5.7	3.1	2.7	4.2	4.9	3.4	16.0	3.5	1753
	21-23	54,6	5.4	4.6	3.7	2.4	1,8	2.5	3,1	4.0	1.8	16.1	2.5	1409
10	TALS	42.9	6.2	5.2	4.4	3.4	2.5	2.9	3.9	4.7	3,6	20.5	3.7	1427

USAFETAC

FORM 101 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

13909 VANCE AFB OKLAHOMA/ENID

46,48-73

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS		_	F	PERCENTAGE	FREQUENC	OF TENTHS	OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(EST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	AD CF
NOV	00-02	36.2	2.5	3.3	4.5	2.2	1.2	2.6	3.0	2.9	1.6	19.9	3.1	1168
	03=05	52.7	2.8	5.7	3.9	2.4	1.2	2.3	2.3	3.0	.9	22.8	3.3	1492
	06-08	35.1	5,8	6.7	4.1	3.2	2.3	2.6	4.0	6.3	3.5	26.2	4.4	1887
	09-11	28.8	7.0	5.7	3.9	3.0	2.8	2.9	4.7	5.5	5.0	30.7	5.0	2039
	12-14	28.8	7.0	5.4	4.7	3.8	2.5	3.1	4.7	5.3	5.2	29.4	4.9	2044
	15-17	28.1	9.4	5.8	4.2	3.8	3.2	4.2	4.5	6.2	4.6	26.2	4.7	2015
	18-20	40.8	6.2	6.8	4.7	3,6	2.4	3.2	4.0	.4.5	2.9	21.0	3.8	1684
	21-23	55.7	3,5	3.5	3.8	3,2	2.0	2•6	2.6	2.9	1.6	18.6	3.0	1327
TO	TALS	40.8	5.5	5.4	4.2	3.2	2.2	2.9	3.7	-4.46	3.2	24.4	4.0	13650

SKY COVER

13909 VANCE AFB OKLAHOMA/ENID

46-48-70

DEC

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

момтн	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TO	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
	(LST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
DEC	00-02	48,9	3.3	5.5	3.1	2.8	1.4	2.6	2.3	.3.4	2.0	24.9	3.7	1211
	03-05	46.9	3.5	4.6	4.1	2.3	1.6	2.9	2.5	1.5	1.6	28.4	3.9	1493
	06-08	31.0	6,6	5.5	4.5	3.5	1.7	3.3	4.0	5.6	3.3	31.1	4.9	1905
	09-11	23.1	7.2	4.6	4.7	3.4	2.3	2.5	4.1	-6.2	5.5	36.3	5,6	2052
	12-14	20.3	8.6	4.9	4.8	3.5	2.8	2.7	4.3	6.6	5.8	35.7	5.7	2064
	15-17	21.7	7 ,	6.3	5.3	3.5	2.9	3.7	4.2	6.5	6.0	32.8	5.5	2010
	18-20	33.1	6.5	6.4	4.7	4.1	2.4	3.3	4.1	5.3	2.9	27.2	4.5	1633
	21-23	43.5	3.9	6.4	4.0	3,3	1.4	3.2	4.2	3.8	1,7	24.7	3.9	1322
10	TALS	33.6	5.8	5.5	4.4	3,3	2.1	3.0	3.7	4.9	3.6	30.1	4.7	13690

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM APE OBSCIETE USAFETAC

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1904, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

: 1 DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 13909 VANCE AFB ORLAHOMA/ENID STATION STATION NAME

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3315

DAILY TEMPERATURES

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC '	ANNUAL
110				!		• 1	.3	.4			1	1	
105	Ť.	•	-			• 6	3.4	4.2	.1		• •		
100	# -	+ I	†	.1	.1	4.7	18.4	18.3	2,5	<u> </u>		!	3.
95	 -			•1	1.9	20.3	47.1	42.1	11.9	.6			10.
90			.4	1.9	11.5	47.2	70.0	56.5	28.2	4.9		= #	19.
85	*	' .ī	1.6	7.2	27.9	70.2	86.6	83.5	46.3	13.5	.1		28.4
30	.2	• 7	6.5	19.3	47.7	86.5	95.6	93.1	6427	29.6	1,4	•1	37.
80 75	5	2.1	12,0	34.7	67.0	93.9	99.1	97.4	80.2	47.6	7.3	-5	45.
17	1.9	6.9	22.9	51.3	82.8	98.4	99.5	99.5	89.5	63.5	18.7	2.0	53.
70 65	5.9	14,3	34.0	66.0	92.1	99.5	99.8	99.8	95.4	76.7	34.0	7.8	60.6
.60	14.4	24.8	4817	80.8	96.7	99.9	100.0	100.0	98,3	89.0	47:5	16.8	68.2
- 55		38.2			98.8		700 PD	100.0	99.5			.28.2	75.1
	26.4	53.7	60.1	90.4	99.8	100.0		ļ 		95.1	62.8		
50	40.9		71.1			ļ		· 	99.9		75.2	44.0	81.0
45	53.8	66.7	81,8	98.9	99.9	 			100.0		8535	66.3	87.
-40	66.5	76.9	90.0	99.6	100.0				 	100.0	9279	73.4	910
35	76.9	86.6	95.3	99.9	i 	: -	!		L	ļ	9703	84.4	95.0
.30	84.7	93.6	98.4	100,0		i •	<u> </u>	<u> </u>	ļ <u>-</u>		194.6	92.4	97.
.25	90.3	97.3	99.4			1					100.0	96.5	98.0
20	95.0	99.8	99.8					1	·	ļ	! 4	98.8	99.
15	97.9	100.0	99.9	1					İ.	Ĺ	ļ 4 —	99.9	99%
10	99.6		100.0					1		I	.	100.0	100:0
5	100.0			1			1		Ţ				100.
•		1	•	•					1	1	1		
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MEAN	44.7	50.0	.58.1	69.3	78.3	88.0	93,0		82.7		38.0	47.3	69.
S D	13.962	13,131	13,929	10,887	72377	74775	7.327	7,972	10.048	10,582	125, 45	12.149	20.15
TOTAL OBS	791	7874	940	911	917	740	957	780	934	966	70	930	1129

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

BR88

F 9 4 8

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC
13909 VANCE AFB OKLAHOMA/ENID
STATION NAME

DAILY TEMPERATURES

• --

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MINIMUM

1 E/	MP (°F)	JAN	FEB	MAR	APR 1	MAY	JUN	JUL	AUG	SEP.	ОСТ	NOV	DEC	ANNUAL
	· 9 0						1	3	•3			.	L	<u>.</u>
	85						,3	1.55	. 3		i i			4
	80					_	2:2	5:3	3.9	6				1,
-	75	•			• 2	1,4	12.9	28.4	23.4	4,1	• 1			6.
	70		•	• - •	1.0	8.1	36.9	69.6	.60.8	19.8	1.9			16. 27. 36.
	90 85 80 75 70 65		[.4	4.5	20.2	68.1	92.3	88.0	40.8	6.8		<u> </u>	27.
	60	- 7	<u> </u>	2.2	14.8	44.8	89.0	98.3	97.6	68.0	18-6	1,9	•1	36.
	55	•1	•5	2.2 5.3	27.6	68,9	96.4	99.9	99.5	8222	36.1	5.6	1.0	43.
	50	1.0	1.7	11.7	15.9	84.7	99.5	100-0	100.0	94,1	58.6	13.1	1,16	51.
	55 50 45 40 35 30 25 20 15 10	2.6	5.0	22.0	64.4	93.9	100.0	10010	2000	98,4	79.1	23.4	4.3	58.
-	- 75	7.1	14.4	38.6	81.3	97.8	10000			9968	90.5		12.4	65%
~	38	18.0	29.6	36.3	92.4	99.9			•	10000	97.0	63,6	24.8	73.
	- 33	25.6	39.2	5468	95.0	// /			ļ ·	10000	99.3	72.4	34.4	77.
	30	39.2	-54.5	75,7	77.0	100.0				 	99.6	81.5	51.5	53
	78	59.9	73.7	88.6	71.0	100.0			·		9969	93.2	71.8	90.
	22	37,7	1301	0000	99.8	· ·							86.5	
	20	73.6	87.2	9553	99,9				 		100.0	97,4		95,
	12	84.6	94.4	9767	100.0			ļ	<u> </u>				93.4	97
	· <u>10</u>	92.2	98.4	98,9				ļ				100,0	96,9	98.
	2.	96.5	99.7	99.6						ļ			99.0	77.
	0	99,1	99.9	100.0					<u></u>	 	<u> </u>	-	100.0	99.
		99.8	100.0	<u> </u>	ļ ·			i +	+	·		<u> </u>	ļ i	100
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٠ .	MEAN	25.7	29.9	36€€	48.5	58.0	67.3	71.8	70.6	62.0	51.4	38,0	29.C	. 49
		10.517		10.649		8.173	6.406		5.354	7.920	8.701		9.198	18,40
	TAL ÖBS	991	874		10101	917	940	957	980	934	966		930	1129

USAF ETAC FORM 0-21 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Ş DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 1 **DAILY TEMPERATURES** $\begin{bmatrix}
 1
 \end{bmatrix}$ VANCE AFB DELAHOME STATION NAME 13909 MANE. 1 MEAN CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS) TEMP (°r) FEB MAY JUN ш AUG. ANNUAL 9.7 90 1.9 16.3 43.0 71.4 38.7 6,3 32.2 85 ٨ 3957 8.1 17.9 27.6 36.6 8,3 22,5 42,3 7.2 ≥ 80 64,6 91,1 ≥ 75 87.1 96.7 46.6 69.2 86.4 2 70 95.6 65 99,5 99.9 84,6 44.9 60 ≥ 92.8 100.0 62.6 52.1 7. 18 4 99.0 55 66.7 `≥ 93.6 98.0 82.1 3.9 59.3 100.0 99.0 100.0 99.7 99,6 92.0 97.8 99.6 67.2 75.1 83.0 19.0 Ξ 50 9.4 83.6 4505 12.2 44.1 45 64.8 ≥ .60.1 93.6 54.3 76.1 40 38.8 98.4 100.0 100.0 2 57.1 71.7 86.6 99.8 92.0 96.7 99.4 72.4 2 33 99.9 67.0 89.6 94.1 30 25 84.2 92.2 \<u>\</u> 81.6 100.0 98.0 100.0 82.0 99.0 20 15 88,6 96.7 ≥ 19949 96.2 98.3 99.7 99.5 99.9 100.0 94.3 99.3 _≥ 98.4 98.1 99.9 99.5 100.0 10 99.8 99.8 100.0 M 100.0 100.0 2 100.0 2. ≥ 2 2 19.41 [≥ į≥. ≥ 59.0 68.3 77.8 82.5 81.6 72.3 9.436 8.068 6.377 5.733 6.107 8.305 911 917 940 937 980 934 38.3 62.3 45.2 5,744 9.783 59.3 MEAN Sυ 940 950 TÔTAL OBS 966

15

USAF ETAC JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

EXTREME VALUES MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13909 VANCE AFB OKLAHOMA/ENID

YEARS

WHOLE DEGREES FAHRENHEIT

MONIH YEAR	JAN	FE8	MAR.	APR	MAY	JUN.	JUL.	AUG	SEP.	ост.	NOV.	DEC.	WONJHS
.42	70	69	78	86	94	96	102	102	92	84	80	66	102
43	80	78	83	88		98	104	109	-95	85	78	62	
44	66	76	72	81	93	101	101	105	101	87	80	58	10:
45	68	58	82	82	93	95	99	104	100	84	87	70	104
46	71	75			92	100	103	109	91	82	70	74	
47	65		1										
48							į		*	80	70	76	
49	67		76	86	92	99	105	100	97	91	80	68	10
50	79		83	89	98	102	93	98	91	93	777	73	102
51	72	78 71	84	90	92	.96	106	110	105	.98	71	79	110 105 110
52	72	71	78	87	92	104	108	109	98	96	82	66	109
53	75	72	86	92	103	110	104	99	104	95	.77	63	110
54	69	81	83	96	88	102	114	106	102	96	81	69	114
35	66		87	94	16	94	114 102	101	97	88	.75	83	102
56	68		36	90	99	103	104	107	102	.95	-81	74	107
57	70	73	78	80	87	97	102	104	101	••90	80	68	104
58	62	72		90	.99	107	102	101	97	92	77	67	197
59	67	73	84	90	94	101	97	102	98	84	75	71	101
60	69		81	85	89	102	103	101	* 99*	90*		# 65	
61	*# 64		*# 78	₩ 9°C	r# 41				# 199#	# 84	# 70*	65	*# 100
62	*# 70	*# 85		## 85	F# 95	*# 93		*# 104	# 97			# 69	*# 104
63			** 85							# 94	# '79*		*# 103
64	*# 74	## 56	*# 78		# 91			# 108#		# 82#	# 48	# 68	# 108
65	*# 71	*# 74		# 36	88	# 96				# 95#	# '77		*# 102
66	*# 60	** .67		# #5		W 95		# 102#	# .85	# :91#	# .83#		## 103
67		*# 72		# 88	# 98	# 97		# 100		# .56			** 102
68	*# 68	## .63		* 84	## 88	# 97	## .99	# 104		# 88		# 65	# 104
69	*# 68	** 75		# 81	## 92	# 99	# 106	# 111		# 91		# 70	# 11
	*# 68	** 77		# 90		# 102	## 108	# 110#	# 103	# 87	73+	# 77	# 110
71	## 75	*# 72	# 92	# 58	## :95	# 100k	## 107	# 990		# .86	* 73*	# 68	*# ĵò:
MEAN													
\$ D		 	!		<u></u> .								
TOTAL OBS			1										

NOTES - (BASED ON : FULL HONTHS) # (AT LEAST CHE DAY < 24 (35)

USAF ETAC FORM 0-88-5 (OU)

EXTREME VALUES MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

\$2909 VANCE AFB DKLAHDMA/ENID

WHOLE DEGREES FAHRENHEIT

MONTH	JAN,	F	ЕВ	MA	AR.	AP	R.	MAY	JUL	1.	JUL.	AU	IG.	SEP	ост	иоч	DEC.	ALL MONTHS
72 73	*# (2*#	80 65	# 申#	85 75	# :	1004	# 90 # 97	##	98	# 10	# #	101 101	*# :98 *# :92	*# 91 *# 36	*# '7 *# 8	1 *# 58 1 *# 68	*# 10 # 10
74 75	** (3*# 1	69 59	#	93 80	#	80 85	# 93 86	#	99 94	# 100 9	# 18	99 100	# 192	# 84	# 7	3 # 60	# 10
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MEAN	68	.8	12.3	g	1,3	- 2	7.3	92.4	01		107-	10	9.4	97.0	.99.0	76.	9 69.1	105
S D	5.2	19 6	206	5.	368	4.	720	92.9	3.	102	3.79	3.	900	97.0	4276	4.36	0 5.634	345
TOTAL OBS	9	71	874		940		711	917 :< FUL	1	940	95	7	980	934				112

USAF ETAC MOM 0-88-5 (OU) # LAT LEAST DNE DAY < 24 GBS

EXTREME VALUES MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13909 VANCE AFB DKLAHDMA/ENID

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	מטנ	JUL.	AUG.	SEP	ост	NOV	DEC	ALL MONTHS
42 43	·=1 ·=5	5 16	28	35 32	37	51 57	62 64	62 53	·39 ·51	27	18	15	1
44	8	10	14	32	35	54	51	56	-48	39	17	19	8
45	19	8	21	25	36	54	60	61	.42	30	18	.7	7
46	16	20		*	52	49	65	55	-44	.37	.23	8	
47	8										! 		
-48					1				*	40	21	16	
49	0	12	23	33	5 C	62	66	55	.42	30	27	16	
50	5	15	11	.28	.45	51	59	51	54	.44	12	3	.3
51	1	-3	21	32	45	50	62	63	-44	33	20	5	3
52	13	22	14	.27	40	63	57	67	.49	.34	.19	16 11	13 9 2 10
53	9	14	25	29	37	61	56	61	152	33	î9	11	<u>9</u>
54	2	20	13	31	31	49	73	65	-54	30	:22	14	2
-55	16	12	10	39	53	50	64	61	.53	-32	14	13	10
56	15	12	15	.30	-48	54	68	53	-32	.41	15	17	11
57	- 9	19	23	25	43	55	60	64	-50	24	23	14	9
58	16	9	22	34	-48	52	60	-60	-45	.38	18	1	1
59	7	5	21	30	47	60	-61	65	.47	33	12	23	47
60	13	10	0	35	37	58	64	63	·55*	49			O
	** 5				# .39				# 46#	# :39#			*##]
62	*# -3							*# 58					** **
63	*# -1												**
64	** 4	# 15#		1				# 59		37.			*# .4
65	本# 15		# 13' 1			# 61	# 60	# 654		# .36		# 22	*# '7
	**		# 13 T			# .53		# 56		# .344			*# 1
-67	*# 9		4 4	38+		# 54	# 58	# 564		# .33	# 27		# 4
~ ~	*# 2		1 18			# 53		# 58M		# :32			*# 0
	*# 8					* 49		# 676		# 34			*# 8
	*# 3		# 17			* 54		# 64	# 153	# 30			*# 8 *# 3 *# 6
71	*# 9	## 6	# 18 1	27	# .36	# 62	# 58	# .60	# .44	# 450	# 30	# 23	*# 6
MEAN													
S. D.	B B										4 ′		
TOTAL OBS.	1												

NOTES * (BASED ON : AULL MONTHS) # (AT LEAST ONE DAY & 24 OBS)

USAF ETAC JUL 64 0-88-5 (OLI)

EXTREME VALUES MINIMUM TEMPÉRATURE

(FROM DAILY OBSERVATIONS)

13909 VANCE AFB DIKLAHDMA/ENID STATION NAME

WHOLE DEGREES FAHRENHEIT

MAL	FE	В	MAR.	APR.	MAY	אטג.	.] .	JUL.	AUG.	SEP	OCT.	N	100.	DEC.	ALL MONTHS
*# *#	2*# 0*#	8	# 23 * 34	# 31 # 28	*# 44 *# 40	*	53+# 54+#	57 53	# 64 # 62	## .46 ## .44		3##	2 5 *	# 6 # 8	本華
#	5#	19	# 12	# 30 19	# 48	#	54 #	63	# 57	# 46	# 3	8 #	18		中部 :
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5,	7 1	2.0	16.7	31.0	42,6	34	•5	61.9	60.1	47.	35	<u>Q</u> :	20.5	11.3	3. 4.74
	<u> </u>	874	940	91	917	4.2	40	957	980	93	204	6	950	930	1129
	*# *# *# 1	本様	*# Z*# 8 *# O*# 15* *# 9*# 17 13 4	*#	## 2## 8 # 2) # 31 ## 0## 15#, 34 # 28 ## 5## 19 # 12 # 30 13 4 19 19	## Z## 8 # 23 # 31## 44 ## O*# 15*, 34 # 20*# 40 ## 3*# 19 # 12 # 30 # 48 13 4 19 19 47	## Z## 8 # 23 # 31## 44 # ## O## 15#, 34 # 28## 40 # ## 3## 19 # 12 # 30 # 48 # 13 4 19 19 47	## 2## 8 # 2) # 31## 44 # 59## ## 0## 15#, 34 # 28## 40 # 34## ## 5## 19 # 12 # 30 # 48 # 54 # 13 4 19 19 47 52	## 2## 8 # 2) # 31## 44 # 59## 57 ## 0## 19 # 12 # 30 # 48 # 54 # 63 13 4 19 19 47 52 58	## 2## 8 # 2) # 31## 44 # 59## 57 # 64 ## 0## 15#, 34 # 28## 40 # 54## 53 # 62 ## 9## 17 # 12 # 30 # 48 # 54 # 63 # 57 13	## Z## 8 # 23 # 31## 44 # 59## 57 # 64## 46 ## C## 15#, 34 # 28## 40 # 34## 53 # 62## 44 ## B## 17 # 12 # 30 # 48 # 54 # 63 # 57 # 46 13 4 19 19 47 52 58 66 42	*#	*# 2*# 8 # 2	## Z*# 8 # 2) # 31*# 44 # 53*# 57 # 64*# 46*# 32*# 23* *# O*# 15*, 34 # 20*# 40 # 54*# 63 # 57 # 46 # 32*# 32** *# 3*# 17 # 12 # 30 # 48 # 54 # 63 # 57 # 46 # 32 # 18 13	## 2## 8 # 23 # 31## 44 # 55m# 57 # 64## 46m# 39## 25## 6 ## 0## 15# . 34 # 20m# 40 # 54m# 53 # 62## 46m# 35## 32m# 8 ## 3## 13 # 12 # 30 # 48 # 54 # 63 # 57 # 46 # 38 # 18 # 16 13 4 19 19 47 52 58 66 .43 .30 16

NOTES * (BASED ON < FULL MONTHS)

(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM 0-88-5 (OU)

13909

VANCE AFB OKLAHOMA/ENID

PSYCHROMETRIC SUMMARY

-	STATION				57.	ATION NA	ME			YEARS										MON	ITH	
																			PAG	E 1	A	LL
																					HOURS (L	. S. T.)
Г	Temp.						WET	AIII A	TEMPL.	ATURE	DEPRE	SSION (F)					1	TOTAL		TOTAL	
- 1	(F)	0	1 . 2	3 - 4	5 - 6	7 0					17 - 18			22 24	25 26	27 28	29 20	≯31	D.B. W.B.	Dev Bulb		Dew Point
ŀ	114/113		-1.2	3.4	3.0	/-	7 - 10	11 - 12	13 - 14	13:10	17 - 16	17 - 20	21 - 22	23 - 24	23 - 20	27 - 28	27 - 30	•0		2		
	112/111		}	1	i	1	{		}		-		1			1	ſ	• 0	4	4		. }
	110/109	<u> </u>							 	 	 									22		
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	108/107	<u> </u>							ļ	<u> </u>	 	ļ					•0	•0	52	52		
	106/105		ļ	į	ļ	ļ	ļ			ļ	١				• 0	• ગ	•0	•0	146	146	ļ	
	104/103						i		İ	<u></u>	.0		•0	•0		•0	- 1	-0	339			
[;	102/101				I		i		l		.0	.0	• 0	• 0		• 1	• 1	• 0	658	658		
- 1	100/ 99			İ		- 1	- 1	• 0			0.0	.0	• 0	• 1	• 2	• 1	.0	•0	1186	1186		. 1
- 1	98/ 97					• 0	• 0	• 0	. (. (0.	•1	• 2	• 2	• 2	• 1	•0	•0	1662	1662		
ı	96/ 95		1		i	• d	. 0	• 0		, (1.	.2	.3	.2	. 1	. 1	.0	•0	2331	2331		
l l	94/ 93	i i	i	—— <u>†</u>		• 0	•0	• 0				.4		•1		•0	• 0	• 0				
i	92/ 91			j		.0	.0	.0						.1	.1	•0	.0	• 0	-			
ŀ	90/ 89				• 0	•0	•0	• • •					• 2	•1			.0		4107		1	
- 1	88/ 87			•0	.0	ď	i	. 2				.2	.1	.1			.0			4307	4	1
ŀ	867 85		•0		-0	•0	.2							-1			•0		5126		21	2
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- }		1		• 0	- 0	. 2	• 4	• 5	•	•	3		. 1	• 1	•0		• 0	•0			87	20
	82/ 81	• 0		• 0	. 1	• 4	• 5	• 5						•0	1		• 0		6067			
- 1	80/ 79	ļ	•0	• 1	.3	•6	.7				.2	1	.1	•0					7062		382	
ŀ	78/ 77	•0			.6	• 7	• 5									1 1			7575		1923	1
- 1	76/ 75	.0		. 5	. 8	.7	, 5						• 1	•0					8489			
- 1	74/ 73	.0	. 3	• 7	٠7	. 5	• 4	•3	• 2		2 . 1	1,	•0	•0	• 0]	i		8307		10991	1509
l	72/ 71	1 .0	. 5	• 8		. 5	• 3					. 1	٥و	•0	•0	•0			8353		13101	4626
	70/ 69	• 1	•6	.7	. 5	. 4	• 4	• 3	. 2	2	2 . 1	, 1	•0	•0	•0	!			8412	8417	13706	8715
- 1	-68/ 67	1 .1	-6	.6	.5	• 4	. 3	• 3	. 2	2 6	2 . 1	.1	-0	•0	.0	, ;			7768	7769	12030	11746
l	66/ 65	.1	- 6			.4	• 3								i —				7616		10385	
	64/ 63	.1		, ,	- 1	. 4	•3							1					7206	7210	9360	11526
ì	62/ 61	• 1	.6		•4	.4	- 3	• 3			2 .1				 				6713			10621
ı	60/ 59	1	٨	.5	4	. 4	. 4							ł	ľ				7102			
	58/ 57	1	.6			-4	• 4							 	 	 			6814	6820	7791	
.	56/ 55	1					• 4	ι.					1	1	1				6791	6795	7887	
	54/ 53	 :	•5		-5		• 4					}	 	-	 -	 		 -	6205		7122	
ļ		1						1	1			1	1	1	1	1		1	-	1		
	52/ 51	- 1			•5		• 4					 	<u> </u>	<u> </u>	 -			ļ	6156		7282	
:	50/ 49						• 4				1	1	1	1	1	 		,	6545			
إ	46/ 47	.2		.5			.3					<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	L	6349		7724	6417
Į	Element (X)	<u> </u>	Σχ²		<u></u>	Σχ		X	<u> •</u>	-	No. 0	<u> </u>						ours with	Tempera	ture		
	Rel. Hum.												≤ 0	F	≤ 32 F	≥ 67	F	73 F	≥ 80 F	≥ 93		Total
	Dry Bulb															L						
Ì	Wet Bulb																					
	Dew Point	 			<u> </u>		\neg		1	$\neg \neg$				$\neg \vdash$		i			i	_		
	· - · · · · · · · · · · · · · · · · · ·																					

42-75

3.26-5 (OL A) Ithisto Mivious fortions of this folim are obsolete

FETAC FORM 0.26-5 (OL A) FIN

PSYCHROMETRIC SUMMARY

3909 STATION	VANC	E AFE	uK		AMUIT		<u> </u>			42-	./2			Ý	EARS						LL VTH
						-												·PA	GE 2	HOURS (LL L. S. T.)
Temp										DEPRE								TOTAL		TOTAL	
(F)	0 1.	2 3 - 4	4 5 -	6	7 - 8	9 - 10	11 - 12			17 - 18	19 - 20	21 - 22	23 - 24	25 - 2	6 27 - 2	29 -	30 - 3	1 D.B. W.I	3. Dry Bulo		
46/ 45		.6	6	• 7	. 5	•3	• 1	•0	• 0	(647			
44/ 43			. 7	•6	.4	• 2	<u>•</u> q	•0										-604			
42/ 41				•6	. 4	• 1	• 0			1				1		1		612			
40/ 39			9	•6	• 3	• 1	<u>• q</u>			ļ				 	 			607			
38/ 37		• 7]	8	•6	- 2	• 9	•0			1				į		1		580	2 5810		
36/ 35			. 8	÷4	-1	<u>•d</u>	•0			ļ				<u> </u>	 	 		585			
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29 .29	•2	٠9 .	9	• 2	· q	l			1					1		İ	1	430			
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26/ 25	.2	٠6 .	3	• 1	Ì		- 1			1				1	1	1	-	271			
24/ 23	-1		2	<u>• 0</u>						 				┼	-}			203			
22/ 21				•0	- 1	1								Ì	1	1	Ì	182			
20/ 19			1	<u>• g</u>						 -								143			
	• 1		, l	• 0		j]				İ		1	1	108			
16/ 15			0	-						 				┿	┿	╅—		85			
14/ 13 12/ 11	.1	.2	0			ļ				1				1	1			1 :57			
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10/ 9	• 0	1 .1	0						İ					İ]			23		310	
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16/-17								}							1						
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Iement (X)	Σx		+-	Z	X	<u> </u>	X	0,	<u>'</u> T	No. OI	5.	<u> </u>			Mean	No. of	Hours	with Tempe	rature		
Rel. Hum.					-:-			^				± 0	F	≤ 32 F		7 F	≥ 73 F			F	Total
Dry Bulb			_					 	_				_		 `						
Wet Bulb			_						 -				\dashv		+						
Dew Point					~											——					

13909	VA	NCE	AF8		AMOHA		D			42-	75								_		LL_
STATION				s	TATION N	AME								Y	EARS			PΔG	E 3		NTH LL
																		7 40		HOURS	(L. S. T.)
Temp										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wer Buil	Dew Poin
-22/-23 -24/-25												<u> </u>									2
TOTAL	4.3	18.6	16.7	13.3	10.6	8.8	7.0	5.4	4.4	3.4	2.6	1.9	1.2	. ,9	•5	.3		2 27888	28062	27890	27887
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				}	ļ	<u> </u>	<u> </u>				<u></u>	 	<u> </u>	<u> </u>		<u> </u>		<u> </u>	ļ	 	<u> </u>
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Element (X)		Σx2	<u></u>	-	ΣX		ļ V	0.	! 	No. Ol		L	ــــــــــــــــــــــــــــــــــــــ	ــــــــــــــــــــــــــــــــــــــ	Menn	No. of H	lours wit	th Tempera	ture		
Rel. Hum.			58619	7 17	44777	89	63.	20.	97	No. 01	48	≤ 0	F	≤'32 F			73 F	≥ 80 F		F	Total
Dry Bulb			2060		3568	32	59.	20.4	64	2280	52	- 2	2.7	356.0	13571	-026	30.0	1570.	5 346	5.5	8760
Wet Bulb			647		1800		31,6	16.	66	2278	90.		3,211	356.2	22207	- A - 7	32.8	10,	5 .	نيم	8760
Dew Point			1364		3450		45:4	17.	90	2278	87	47	2.32	(3)	1037	1-2	80 - 3	2	GC T		8760

13909	VA	NCE	AFB				D			42-	4734	9-75								<u></u>	AN
STAT N				51	ATION N	AME								Y	EARS					MON	
																		PAGE	: 1	HOURS (L	1,1
Temp.						WET	BUL B	TEMPER	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0 1	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb		Dew Point
80/ 79										 		.0	•0				<u> </u>	. 5	5		
78/ 77			}						0	,	.0				j j			3	3	}	
76/ 75								.0			i .	. a	• 0	X				6	6		
74/ 73								.0			وَ		0	<u> </u>			<u> </u>	6	- 6		l
72/ 71	ļ	-	-				•0		•0) و	• 0		}				13	13	}	
70/ 69						.0				*				 	 		 	32	32		
68/ 67	Ì	. 0		^	•0	•0	•0		.1					}	}		ì	66	66 76		
64/ 63		-:1												├	 		 	139	139	8	<u></u>
62/ 61	•d	اء	1	.0	•0	.2	.1	.2	1			1						193	193	41	26
60/ 59	•ď	 ī		•0	• 1			.2							†		 	243	243	59	33
58/ 57	•d			1	. 2	.3	4	. 2	i			1]		1	338	338	99	43
56/ 55	• 1	• 2	. 1	.2		• 5	. 4								1		† 	.404	404	126	
54/ 53	<u>• d</u>	. 2	2	• 3	. 4	.6	.3	1	.0								<u> </u>	433	433	131	91
52/ 51	• 1	.3	• 3	, 4 , 5	• 6	.5	•3	• 1	•0	1								533	533	219	100
50/ 49	• 1	-4			. 8	• 7					ļ			<u> </u>	<u> </u>		<u> </u>	637	638	388	122
48/ 47	• 3	.5			. 9						}	})) !			703	703	565	173
46/ 45	•2	<u>. 6</u>			.8					 	ļ				_		 	803	804	658 769	274
42/ 41	• 3	1.q		1.1	. 8		•1			}	ł						1	1000	886 1003	944	326 413
40/ 39											 -						 	1166	1168	1157	611
38/ 37				1.4	.5												1	1229	1229	1208	
36/ 35	.6		2.2	1.1						 	 -			 			 	1305	1306	1433	968
34/ 33	.6	3.2	2.1	.8	• 2									1	}			1374	1375	1549	
.32/ .31	•6				•1													1178	1181	1702	1436
30/.29	.6		1.8							<u> </u>				<u> </u>			<u> </u>	1203	1205	1375	1581
28/ 27	• 6	1	1.3]	j]				1013	1013	1394	
26/ 25	6		<u> </u>	. 2						ļ	<u> </u>				ļ¦		ļ	822	822	1112	
24/ 23	.5																	653	654	848	
22/ 21	.3							ļ		 	 -			 -				-651	<u>651</u> 582	668 697	
18/ 17	.3	1.7	. 7			1			1	{	ł	. 1					1	492	493	608	972
16/ 15	• •							<u> </u>		 	 	 		 			 	405	405	543	
14/ 13		1.1				! !		1	Ì	Ì	1			1			1	307	307	386	
Element (X)		Σχ²			Σχ	<u> </u>	X	σχ		No. Ol	5.			·	Mean h	lo. of H	ours wit	h Temperati			
Rel. Hum.												± 0 ∣	- [≤ 32 F	≥ 67	F :	73 F	≥ 80 F	≥ 93 F	<u> </u>	Total
Dry Bulb																					
Wet Bulb													\Box			\bot					
Dew Point															<u> </u>]	<u> </u>		

PSYCHROMETRIC SUMMARY

13909	VAI	VCE	AFB		AMOH		D			42-	47,4	9-75		YE	ARS					J	AN_
				•	,													PAG	E 2	HOURS (LL L. S. T.)
Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb		
12/ 11 10/ 9	• 3	1.3					T											·333 281	333 281	344 362	
8/ 7	•2	•4	.0															127	127		468
4/ 3	• 1	.3		<u> </u>														81	81	99	367
2/ 1	•1	.1	ļ															34	34	44	197
·-2/ -3 ·-4/ -5	•0	•0			-													14	14	9	111
·-6/ ·-7 ·-8/ ·-9	•0	•0		<u> </u>														5	2		44
-10/-11 -12/-13					<u> </u>		ļ													1	32
-14/-15 -16/-17			<u> </u>				-			ļ				-			<u> </u>			 	1 10
-18/-19 -20/-21					ļ													ļ			1:
-22/-23				l i ──						<u> </u>				<u> </u>			<u> </u>			<u> </u>	j
-24/-25 TOTAL	9.6	37.6	22.4	12.3	7.5	4.9	2.8	1.3	.6	.3	. 2	•1	• (0 • 0					19971	19951	1995
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Element (X)		Σχ'			Σχ		₹ 68.8	0,		No. OI								h Tempera			
Rel. Hum.			220		3719	97	68.8	18.	77	199	47	≤ 0	F ,	≤ 32 F	z 67		≥ 73 F	≥ 80 F	× 93	F	Total
Dry Bulb Wet Bulb			8737		6230		35.0			199 199	71 51	2	•9	311.8		.9	• 7		-		744
Dew Point			633		492		24.7			199	51	24	-5	556.6	1			 			744

FORM 0.26-5 (OLA) REVISED REVIOUS EDITIONS OF THIS FORM ARE CASCULETE

USAFETAC

13909	VAI	NCE .	AFB		AMOH.		D			42-	46,4	9-75								EB
STATION	• •			ST	ATION NAM	ME								YE	ARS				мон	
																	PAGE	1	AI	
																			HOURS (L	. S. T.)
Temp.								EMPER						,			TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 ≥ 31	D.B. W.B. D	ry Bulb	Wet Bulb	Dew Point
86/ 85	1	- 1	ļ	- 1	İ	- 1							• (Ä		1	3	3	i	
82/81			l							• 0		.0					6	6		
80/ 79		-							• 0	• 0	.0	• q	• (• 0			13	13		
78/ 77			l					• q	•0			• q	• (<u> </u>			15	15		
76/ 75		.	• q		1		• q	• q	• 0	•0	• 0	• 0	• 0				28	28	Ī	
74/ 73					<u>• q</u>	<u>•0</u>		•0	<u>.</u> ;0		0 و	• 1	• 0				36	36		
72/ 71		Ì		• q	• 0	• q		• q	• 1		• 1	. 1	• (γ _	-		78	78	1	
70/ 69			•0		<u>•a</u>				<u>. 1</u>	1		• 0					105	105		1
68/ 67	- 1	0 0 0 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0	• 1	1	, 1						107	107								
-66/ 65		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2	2	1			ļ			184	184	6	$\frac{1}{3}$						
64/ 63		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	• 3	.3	• 1							232	232	17	3					
62/61		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	•3	2					ļ			262	262	.37	.7					
-60/ 59			• 1	. 2	• 2	• 3	• 3	• 4	.3					1			356	356	80	16
58/ 57		• 1	2	2	•3	_•5	5		•1	0				<u> </u>			-409	409		
56/ 55		• 2	• 2	• 3	•4	• 6	• 6	•4	• 1		{ .			ļ		l	.496	496	205	64
54/ 53			3	• 3					.0					ļ	<u> </u>		508	508		91
52/ 51	• 4	• 5	• 5	• 3	• 7	. 8	• 5	• 4	• 0		[.			ļ			673	573	407	161
50/ 49	•3		.6	1	- 9				0		 			!	 - -		786	786		255
48/ 47	• 🤄			1.9		• 9	• 4	•9			ļ				ļļ	ļ	835	835		268
.46/ 45		0 0 0 0 1 1 1 1 0 1 0 1 0 1 0 1 0 1 0 1		.0		 			} ——			955	955		420					
44/ 43	• 7		1.2	1.2	1.9	• 4	• 1				ļ			1	! !		923	923		453
42/ 41	5 4				<u>• 8</u>						 			 -			957	958		538
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38/ 37	<u>•3</u>				• 5						 			 	 -			1020		703
36/ 35]	2.2	1.8			• 0		[]			ļ			ļ.		ļ		1088	1324	1028
34/ 33	1.1	2.3	40/	. 8		<u>•0</u>	 	 			├			 	 -	 	1083	1084		
32/ 31	•9	2.3		• 7		•0		1 1									1000	1633		
30/ 29	5	2.6		_			 -			 	 		<u> </u>	 	 -		893	893		
28/ 27	25	.2.4	1.1	,3	•9												740	742		
26/ 25	- 5	2.0						 -		<u> </u>		 		 -	 -		647	647	864	
24/ 23	• 4		• 6]		[456	457	650	
22/ 21	.3			•0			 	 		 	 -			 	 	 -	421	421	565	1021
20/ 19	.4			•0			i										.333	333 247		
Element (X)		Σχ' 9		 	ZX		<u> </u>	σ _x		No. OI	ا اد. آ			1	Mean No	of House	1 246		260	674
Rel. Hum.		<u>- x</u>		<u> </u>	- x							± 0 i	=	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	* 93 F		Total
Dry Bulb						\dashv		 					+	- 34 1		 	1-00	+ - 73 -	 '	V.01
Wet Bulb						- -		 					\dashv		 	 		 		
Dew Point								 					-		 	 	1	 		
1 34 1 3 1 1 1																				

<u></u>	3909 STATION	VA	NCE	APE	3 L	JK L A	AT ION I	IANE IANE	10					18-0	4054	9-7:			Y	EARS						-	MO	EB ITH
																								PAG	E 2	-	HOUPS (LL L. S. T.)
Γ	Temp.										EMPER													TOTAL			TOTAL	
- -	(F)	0	1 - 2	3 .	4	5 - 6	7 - 8	9 - 10) 11 -	. 12	13 - 14	15 - 1	6 17	- 18	19 - 20	21 - 22	23 -	24	25 - 26	27 -	28 29	- 30	≥ 31	D.B. 'W.B.				
	16/ 15	•2	•	4 3	d	İ																		174 95		75 97	246 153	.57
-	12/ 11 10/ 9	•2		2	_								T											71 41		71 41	89 61	
-	8/ 7	•1	•	<u> </u>	\dashv			 					\dagger	\dashv			-	7			┪			36	1	36 23	36 30	2:
-	4/ 3	•0	• 1	<u>q</u>	- -				+-	\dashv			╢	-			-	+		\vdash	╁			22 6		6	9	1
-	2/ 1	•0		9				-	+				╁			ļ	-	\dashv		-	+			<u>2</u>		2	2	
	-2/ -3	.0	•	0	_ -				 -				_	_		<u> </u>	-	_		<u> </u>				4		4	3	
•	-6/7			ļ					_	_			_				_			<u> </u>								
-	10/-11				j																	_						
T	OTAL	9.7	29.	320	. 7]	13.6	9.	7.	0 4	• 2	2.9	1.	7	1.0	. 4	•	2	• 1	• ()				17422	174	45	7422	174
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	Element (X)		Σχ²	<u> </u>	士		Σχ		Ī		•,			o. Ob		I				_				h Tempero	ture			
	Rel. Hum.		850				161		66	.7	20.8	40		74		± 0			32 F		67 F		73 F	≥ 80 F		93 F		Total
	Dry Bulb		304				694		39	. 8	12.	794		74	45		•2	20	00-	3	5.		3.9	-	6			6
1-	Wet Bulb		233	U33.	23		611	557	35	• 1	10.2	207		74	22		. 2	:20	58.	김_	انو			ļ	_ _			6
L	Dew Point		159	611	89 ₁		490	057	28	• 1	11.1	78		174	22		4.5	.44	41.0	<u> </u>	9(<u> </u>						

3909	VANC	E AF	вε		AMOL		D			42-	46,4	9- 7 5									AR
STATION				514	ATION NA	ME								YE	ARS			PAGI	F 1	_	LL
																		1 70			L. S. T.)
Temp.								FEMPER										TOTAL		TOTAL	
(F)	0 1	2 3.	4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30		D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
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92/ 91		 -								<u> </u>				•0				2			
90/ 89 88/ 87	ł		- 1	1	1						ļ	٥٠	ļ		لہ	٥٠		.5	5	•	
86/ 85		— —								 -	 	8	 		<u>• 0</u>	• 0		10 26	10 26		
84/ 83		Ì							.0	١ ٠	•0	• 0	.0	•0	• 0	.0			47		
82/ 81								•0		1		•0	•1	•1	•1	•0		76	76		
80/ 79		ĺ		Ì	- 1		•0	.0		1	.0	å	i	. 1	ď	• •		86	86		
78/ 77				—+		•0	• 1				,1		•1	. 1	• •			133	133		
76/ 75		1			•d	ì	1	.1] :i] ';	i	.1		- 1			159	159		1
74/ 73	• d	_	-	•0	٠ď	1	• 2				,1	• 1						193	193	1	<u> </u>
72/ 71	1	1	٠d	a	. 1	. 1		.2	. 2		. 2	î	.0		- 1	ľ		254	255	•	1
70/ 69			•d	• 1	. 1	• 2	.2	,3	. 2	,3	, 2							345	345	- 3	
68/ 67	• d	•d	. 1	. 1	. 2	. 3	.3	. 2		.3	. 2	•0			}	1		375	375	32	
66/ 65		• q	•1	.2	• 3	• 3	.4	4	•3	,3	1							494	494	84	
64/ 63	•d	• 1	. 2	.3	. 3	.4	.4	.4	.5	. 2								542	542	133	}
62/ 61	I	• 2	• 3	, 3	. 4	.3	.4	.5	.4		•0							571	571	253	
60/ 59	<u>• q</u>	•3	.4	.4	.5	.6		.5			. <u>.</u> c							686	686	366	
58/ 57	• q	• 4	•4	• 4	.6	. 5	.6	•5	• 2	• 1	1				- 1	- 1		723	723	535	
56/ 55	-1	•5	.5	.5	• 7	. 7		• 5	1		i							796	796	619	
54/ 53	• 2	•4	•5	• 7	• 7			.2			ļ				- 1]	818	818	665	,
52/ 51	-1	<u>.8</u>	• 6	-8	. 8	. 9			0	<u> </u>	<u> </u>				 -			875	875	814	
50/ 49	.2 1	• 1	• 9	.9	1.q	. 8	.5	• 1	ı	1	ļ			İ				1027	1027	993	
48/ 47	-4	<u>•9</u>	<u>• 9</u>	<u>1.g</u>	1.0	• 7			<u> </u>	 	 							1001	1001	1184	
46/ 45			•9	1.3	1.2	.5		1		1]							1102	1102		
44/ 43	-3]	.0 1 .2 1	.2	1.1	<u>• 9</u>	• 6		 -	<u> </u>	 -	 -							992	992 976	1281	8
40/ 39	3	• 4	• 7	1.2	7	• 3		1		i								1028	1028	1271	
38/ 37	- 4 1	5 1	- 4	1.2	.4			}	 	 	 			 	 -			910	910		
36/ 35	3	8 1	7	8	. 2	• 0		1	1	}	1	}						871	871	1217	
34/ 33			.3	- 7	-1	• 0		 	 	 				-				873	873	1152	
32/ 31			2	. 5	. 1]	1	!	İ		}			1			788	788		
30/ 29		-4 1	1	.4	-a		 	†- -	 	 	 						 	589	589		
28/ 27		.2	7	i	.d		1	1	1	1		1						459	459		
Element (X)	Σχ		+	7	X	T	· x	σ _x	`	No. O			·	ئـــــــــــــــــــــــــــــــــــــ	Mean No	o. of He	ours with	Temperat		<u> </u>	T.E
Rel. Hum.			1			$\neg \neg$		 	<u> </u>			± 0	F :	32 F	≥ 67		73 F	≥ 80 F	≥ 93 F	-	Total
Dry Bulb			_			_ _							$\neg \vdash$					i ——	1	_	
Wet Bulb						$\neg \vdash$							_			\neg			1		
Dew Point	·							1	\neg				$\neg \neg$			\neg			1		

1084 0.26-5 (OL A)

3909	VA	NCE	AFB		AMOH.	/ENI	D			42-	46,4	9 <u>~75</u>			ARS						AR
5141100				3	IAIIUN N	AME								16	AN3			PAG	E 2	A	L. S. T.)
Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4		7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W B.	Dry Bulb		
26/ 25	• 2	• 8												1 1				293	293		123
24/ 23	. 2	.7	.2	•0		L												204	204		95
22/ 21	• 1	• 6	. 2															158	158		
20/ 19 18/ 17	<u>. 1</u>		•1		ļ	ļ								- 				112	112		
16/ 15	.0	.3	•0															54	. 54		
14/ 13	• 0	• 2		 	 -									 				35	35		31
12/ 11	.0	.1				ł												31	31		
10/ 9	•0	•1		 	<u> </u>									1				24	24		
8/ 7	•0	. 1																23	23		12
6/ 5	•0	•0																13	13		
4/ 3	•0	•0				<u> </u>												6	6		
2/ 1	••																ļ	2	2	3	
0/1	• •		<u> </u>		 -	├								 			 -			 	
-4/ -5	į													1							
-6/ -7				 																	
~8/ ·-9				1																	
10/-11																		i -			1
16/-17					<u> </u>	L														<u></u>	
DTAL	5.4	22.9	18.2	14.3	11.1	8.6	6.5	-4.4	3.3	2.2	1.4	. 8	• '	+ -3	•1	• 1	•0		18858		188
			L	ļ	<u> </u>	ļ				<u> </u>							 	18856		18856	ł
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						<u> </u>	ļ	<u> </u>						<u> </u>							
lement (X)		Σχ'	77.52		Σχ	70	X	7,	7.0	No. Ob								h Temperat			
Rel. Hum.		4637	6423		1766 885:	7 / U	06.44 77 A	21.9	34	188		± 0		≤ 32 F	67		73 F	≥ 80 F	₹ 93		Total
Ory Bulb Wet Bulb		7727	7233	} —	766	13 / 553	47.0	10.6	70	188				112.8		•4	00		4	• 4	
				-1	1000	C	TVC	14 V + V	16	700	20		~~	ムミエモン	ı 5	er veri	90	1	1	1	-

USAFETAC FORM 0.26 5 (OLA)

13909	VA	NCE	AFB		AMOH		D			42-	45.4	9÷75			ARS					A MON	PR
STATION				51	ATION NA	ME								76	ARS			PAGE	1	A	LL
						.			. 7.105	05005	******							T		HOURS (L	S. T.)
Temp.	0	1 - 2	3 - 4	5 - 6	7 - 8					DEPRE			22 24	25 26	27 - 28	20 20	≥ 31	TOTAL D.B. W.B.	ev Bulh	TOTAL	Dew Point
100/ 99		1 - 2		3.6	7.8	7 - 10	11 - 12	13 - 14	13 - 10	17 - 18	17 - 20	21 - 22	23 - 24	23 - 20	27 - 20	27 - 30	•0	4	4		
98/ 97			1														•0	2	2		
96/ 95																	•0	Ž	2		
94/ 93														.0	.0	.0	•0	11	11	1	
92/ 91											,0		•0	•0		•0			16		
90/89		_								_,0	.0	•0	.0	. 1	.0	.0	•0	47	47		
88/ 87								•0	•0	,1	.0	- 1	• 1	•	•0	•0		64	64		
86/ 85							• û	• 0	<u>. i</u>		• 2		٠ ٧	0	•0			125	125		
84/ 83						•0	• 1	- 1	•2	• 2	, 1	• 2			•0			178	178		
82/ 81				•0		•0		. 2	• 2	.2	٩	_ <u>• 1</u>	• 1	• 1	• C			.222	222		
8C/ 79 78/ 77				_	• 9	.2	• 4		.3	.2	,2	• 1	• 1	•0				350	350 415	,	
76/ 75				.0		- <u>• 5</u>	• 4	•4 •4	• 3	• 3	- 94	• 2		•0	a			415 516	516	<u>1</u>	
74/ 73			. 1		.5			2		• 2		• 2	•1	.0			i	585	585	7	•
72/ 71		•0	. 3	• 5	.6	•4	•4	.4	• <u>3</u>	,4	,2	,1	•0	•0				710	710	64	
70/ 69		ı.i	. 5	. 8	.6	.6	. 5		. 5	.3	.2	.1	•0					825	826	255	8
68/ 67				. 8	.7													928	928	501	84
66/ 65	id	355	1.0	• 8 • 8	.6	.7	.6	.6	-4	.3	i	.0						1020	1021	735	253
64/ 63	•0	.5	. 9			.7	• 7											997	997	855	-472
62/61	.1	.9	.8		7	. 8	.6	.6	,4	-1				ļ	i			1029	1029	955	653
60/ 59	• 3	1.3	.8		9	1.0	. 8	. 5	. 2	.0							[1208	1208	1135	793
58/ 57	•3	1.3	•9			1.0												1164	1164	1134	896
56/ 55	.4	1.3	.8		1.0	• 9	.7											1163	1164	1290	995
54/ 53	.2				1.0	.9	. 5			<u> </u>							 -	1046	1048	1320	918
52/ 51	• 2	1.1	. 9			• 7	.3	• 1										923	923	1317	808
50/ 49	• 2				1.0		9.6											921	922 844	_ <u>*2.12</u>	83¢
46/ 45	• 4 • 1		.8	1.1	.6		.2	•0					ĺ					844	687	1403	
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42/ 41	.1	•					•			j			1				i '	506	506	1032	1105
40/ 39	- . i	.6							i —	 								369	359	884	
38/ 37	2		.5	.2	. 1													316	316	696	
36/ 35	1	. 5			·		i	1	i	T								193	193	475	
34/ 33	•0		• 2		J .d			_					<u> </u>					104	104	276	940
Element (X)		Σχ¹			Σχ		x	₹		No. O	s.				Mean N	lo. of H	ours with	Temperatu	14		
Rel. Hum.												± 0	F	≤ 32 F	≥ 67	F	73 F	≥ 80 F	≥ 93 F		Total
Dry Bulb						_		<u></u>	_ _										ļ		
Wet Bulb									-							_ _		ļ	ļ		
Dew Point				l .		ì		i .	i		- 1		- 1			- 1		Į.	1	- 1	

139	09	<u> </u>	NCE	AFB	UKLA	HUMA	VENT	D			42-	45,4	9-75		Y	ARS						PR
	-																		PAGE	: 2	A SRUCH	L. S. 3
7.	mp.										E DEPRE					·			TOTAL		TOTAL	
	(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 26	27 - 28	27 - 30	≥ 31	D.B. W.S.			
32	/ 31		.2	• 2	• 0		<u> </u>		i		T		i — —		i T		I – –	<u> </u>	75	75	160	8
30	/ 29		•2	. 1	• 0		ļ	1	!		-		ł	l	1	j	l		58	58	103	1 6
	7 27	•0	• 1	•0					i		i		<u> </u>					<u> </u>	.37	37	81	
	/ 25	•0	. 1	.0			•			-	ļ	l i	l	[1	ļ	İ		14	14	56	
24			.0				i	!	i	i		i	i –	i ——	i —			 	7	7	11	
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TOT		2.9	15.2	15.7	14.4	13.1	11.0	8.6	6.3	4.	6 3.2	2.1	1.3	.8	.5	.1	1	.1		18336		133
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Elen	rent (X)		Σχ²			ZX		X	•,		No. O	5.		·		Mean	No. of H	lours wit	h Temperot	ure		·
	Hum.			0778		1289	98		21.0	55	183		± 0	F	≤ 32 F	≥ 67		73 F	≥ 80 F	≥ 93 1	-	Total
	Bulb		6615	3685	1	0786		58.	12.	32	183	36			767			99.6			.7	
			7.67.	9718		9356		K1 7	9.	18 A												
	Bulb		サフチュ	7116	1	7220) U 441	27 * (ハ ファニ	7271	183	30 1			16.2) 32	.6	• 4	I	- I		

USAFETAC

13909	VA	NCE	AFB	OKLA	AMOH ATION NA		D			42,	44-4	6,49	-75		ARS					M/Mon	
y. A. I. Qui				3.														PAGE	1 .	AL HOURS (L.	LL
Temp.						WET	BULB 1	FEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	z 31	D.B. W.B. D	ry Bulb	Wet Bulb (Dew Point
104/102																•0		1	1		
102/101															•0			1	1		
100/ 99		Ī										.0		•0	.0	•0	- •0		9		
98/ 97										.0		.0		•0		•0	•0		17		
96/ 95	-	!							j	.0	٥, إ	.0		1		• 0	• 0		26	1	
94/ 93		!						.0	0	.0	.0		• 1		·	.0	•0		68		
92/ 91		į			l	_		• q	• 1	.2	,2	•2	• 1			.0	• 1		175	l	1
90/ 89						0	•0		.2	• 3		•2				.0		251	231		
83/ 87	ļ	į	Ì	ا	إ	• 0	• 1		• 4	• 3	.3	•2		1 -		•0		352	352	1	
86/ 85				• 0	<u>• q</u>	<u>• 1</u>	• 4	- 5	6	- 4	<u> </u>	•2				•0		497	497		
84/ 83	}	4	• g		. 1 . 2	.3	•6	•6	•6 •5	• 4	.2			1				573 672	573 672	1	1
82/ 81		• <u>q</u>	• q			.8	1.0		•5			• <u>2</u>						825	825	12	2
78/ 77		• 0	ď	.4	ģ	9	1.0				,3	.1		•		ĺ		936	937	43	10
76/ 75	<u>•</u> ₫	• 0	-3			1.0								 -	 			1052	1052	149	 - - - - - -
74/ 73	•d	. 1	.6	1.0	1.2	. 9	.7	.5	. 4					.0	!!				1087	439	42
72/ 71	• q	.3	1.1	1.4	9	. 8		A	.4					1	} 			1196	1197	787	147
70/ 69	•d	.3	1.5	1.4		. 9	.7		. 3	. 2	i		•0					1287	1288	1299	416
68/ 67	• 1	, 9	1.6	1.1	1.1	.7												1309	1309	1605	813
66/ 65	. 2	1.6	1.8		. 8	, 8		. 4				1 .0	i	ļ	[1400	1400	1754	1179
64/ 63	• 5	1.9	1.7	1.1	.9	• 5	.4	.2	. 1	.0	.0	1		Ĭ				1340	1340	1810	1605
62/ 61	• 6	1.8	1.0		. 7	• 4		. 1		.0	. 7	İ		ļ	<u> </u>			1114	1115		1839
60/ 59	.6	1.6	1.1	. 9	. 5	.5	• 2	.1	.0	•0				Ī				1011	1011	1704	1613
58/ 57	3	1.3	1.0			.3	.1	.0	•0		<u> </u>			l				843	843	1461	1562
56/ 55	. 4	1.0	1.3		. 4	. 2	• 1	. q				l	İ	1	l i			727	727	1374	1410
54/ 53	1	• 9	1.0		.3	, 1		.0			<u> </u>	<u> </u>		<u> </u>	<u> </u>			560	560	1060	1185
52/ 51	• 1	• 6	.6	.5		• 0	. •0				1	į		!	i i			378	378	993	
50/ 49	<u>• 0</u>	.5 .3	.6		• 1	•0				<u> </u>	ļ		ļ	<u> </u>				286	286	704	
48/ 47	• q	• 3	• 5	• 3	•0						l			ł				305	205	494	949
46/ 45	_ <u>•q</u>	3	.3	.1		•0		<u> </u>		ļ	 	<u> </u>	<u> </u>	 -	 			125	125	364	760
.44/ .43		.3	• 2		•0		İ											99	100	260	661
42/ 41		.2					<u> </u>	 —		 -	┼		 	-	 			63	63 46	159 88	654 526
40/ 39 38/ 37	• g		.0								İ	ł						46	21	58	386
Element (X)	<u>• a</u>	<u>. 1</u> Σχ'	-• 0		z _x		<u> </u>	, _v	<u> </u>	No. O	<u>i</u>	<u> </u>	1		Hean N	o. of H		h Temperatu		اه د	900
Rel. Hum,						\dashv						= 0	F	± 32 F	≥ 67		73 F	2 80 F	≥ 93 F	7	otal
Dry Bulb				 				 	\dashv						```	`			 - /3 	- 	
Wet Bulb				 				 	$\neg \vdash$				\dashv		 			 	1		
Dew Point						_ -							\dashv		 	$\neg \neg$		 	 		
<u>-</u>																					

PSYCHROMETRIC SUMMARY

L3909	VA	NCE	AFB	OKLA	AMOH	/ENI	D			42,	44-4	6,49	-75		ARS						AY
3tga				3.										***				PAG	E 2		LL
Temp						WET	BULB T	EMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0		3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb		
36/ ·35 34/ 33	-	.0	•0								_							9	9	,	
32/31	•0	•0																3	3	7	9
28/ 27 26/ 25																					2
24/ 23 22/ 21																					1
20/ 19 18/ 17													<u> </u>			 					
167 15 OTAL	2.9	14.2	16.3	14.1	11.5	10.0	8.8	7.0	5.1	4.1	2.5	ī.7	. 6	.4	.2	.2	.2		18571		1856
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lement (X)		Σχ ²	7184		2 X	74-	X ZE E	*x	~-	No. Ob								Temperat			
el Hum. Dry Bulb		8677 8907	1120 2011		2159 2705	1 R	65.5 68.4	17.0	<u> </u>	185 185	93	10	<u> </u>	± 32 F	≥ 67 -414		73 F 62 • 1	2 80 F	≥ 93	<u>-</u> 9	Total 7
Ver Buib		6861			1193	821	60.3	727	87	185				- 3			25.8			• 7	7
Dew Point		3757			0195	77	54.9		- 	185	<u> </u>			3.8	57		2.4	<u> </u>	<u>- </u>		74

PSYCHROMETRIC SUMMARY

13909	<u> </u>	NCE		51	ATION N	AME				72	46,4	7-12		Y	EARS						JU
																		PAG	E 1	HOURS (L (c.
~emp.											SSION (TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	De
115/109	E	Ì	l							j —				1			•0	4	4		Г
108/107						<u> </u>								1))		•0	4	4		1
106/105	(1	1	i		i				1					.0	•0	•0	8	8		Τ
104/103						!				<u> </u>				1	. 0	.0	•0	19	19		1
102/101	- 1	l	ĺ			İ	1					•0	• (j , j	. 1	·ì	•0		68		1
100/ 99	[l	[_			.0	. 1	• 1	1 .3		• 0			145		1
98/ 97	Ì					i		•0	•0	.0	. 2	• 3	• 4	4 • 3	-1	• 1		254	254		T
96/ 95							0	0	1	. 2	5	.7	. 4	4 .2		_,0	0	413	413		
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92/ 91			l		. 0	<u>, c</u>		3	8	. 9	8	. 4			d.			677	677		1
90/ 89	Ì	Ì			.0	. 1		.8	1.2	1.2	, 8	, 3	• 2	1 .0				931	931		1
81/87			• q	•0		. 2	7	1.4	1.3	.9	.5	. 2				İ		1010	1010		1
'.0/ 85	- 1	- 1		• 0	• 2	.6	1.2	1.4	1.2	.6	,3	. 1	• 1	1 . (1094	1094	4	1
84/ 83			_ • q	. 1	. 4	1.2	1.7	1.3	.8	.4	. 2	. 1	• (1 1	- 1		1192	1192	5	i
82/ 81	• q		• 4	.3	. 9	1.6	1.3	1.1	. 5	.3	.1	•0		1				1197	1197	30	厂
80/ 79		• d	. 2	. 8	1.7	1.9	1.3	.5	.4		1	.0	• (o ^l) !	ì		1384	1385	111	
78/ 77	• q	- 1	• 5	1.7	1.9	1.4	.9	• 4	, 3	, 2	,1	• C						1410	1411	495	
76/ 75	l	. 3	1.4	2.1	.1.7	. 8		. 4	3	0		.0	1	1	i I			1427	1427	1206	
74/ 73	• 4	• 6	2.0	1.7	1.1	.6	. 4	• 3	• 1	.0	.0			T				1331	1334	2334	╁
72/ 71	<u>• 1</u>	11.2	2.0	1.4	. 3	.4		. 1		0					1	Ì		1246	1249	3012	
70/ 69	. 2	1.7	1.9	1.1	• 6	.4	.2	• 2	• 0	.0				\top				1235	1237	3065	3
68/ 67	3	1.6	1.6	.7		• 3	2	. 1	.0	i				1	} {	1		980	980	2458	
166/ 165	- 4	1.6	1.2	^6	. 3	. 2	. 1	• 0	.0					T			<u> </u>	831	831	1878	
,64/ 53	.3	1.2	7	. 5	. 3	.1	0			[1				_618	619	1425	5
62/ 61	- 1	. 7	.6	. 3	. 1	1												366	367		
60/ 59	1	.3	. 4	.4	. 1		<u> </u>							i .]]			259	259	714	
58/ 57	• q	• 3	.3	?	1]]]]			170	170	486	
56/ 55	1	• 1	. 2	.1	• 0									<u>L</u>				105	105	401	
54/ 53		. 2	. 2	• 0						[73	73	187	
52/ .51		- 1	<u>• 1</u>	.0									L	L	<u> </u>			32	32	137	. 1
50/ 49]	• 1	• 0		• 0									1				17	18	76	٦
.48/ .47	<u>.d</u>	•0	<u>. q</u>						i	<u> </u>				<u> </u>	11			4	4	29	
46/ 45	1	T					(i	l					[]					6	_
44/ 43					<u> </u>					<u> </u>	L		L	L	<u> </u>]]]		i	
Element (X)		Σχ'			Σχ		X	<i>σ</i> _χ		No. OL	s.				Mean N	o. of Ho	ours will	Temperat	vre		
Rel. Hum.												⊴ 0	F	± 32 F	≥ 67	F 2	73 F	≥ 80 F	= 93	-	To
Dry Bulb																		1			
Wet Buib														_	1	$\neg \neg$			7		_
Dew Point															1						_

USAFETAC

PSYCHROMETRIC SUMMARY

13909	VA	NCE	AFE	0	KLA	AMOHA	/ENI	D			42-	4654	9 ≟7 5			ARS					<u>J</u>	NUN PATH
57×110N					31	A110N N	·ME								71	. ^ K 5			PAG	E 2	AOURS (
Temp.							WET	BULB	EMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3	4 5	- 6	7 - 8		11 - 12						23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb		Dew Poir
42/ 41																					1	. 39 12
38/ 37																						3
34/ 33 TOTAL	1.6	10.1	13.	51	1.9	10.7	9.8	9.6	8.3	7.4	5.7	4.7	2.9	1.7	1:1	.5	.2	•2		19074		19061
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			+-	\dashv			 	-	-		 						-		 			1
Element (X)		Σχ²	ــــــ	+		z x	4	X	•.		No. Ol	s.	<u> </u>	ــــــــــــــــــــــــــــــــــــــ	<u> </u>	Mean	No. of H	lours wit	h Tempera	tur•	<u> </u>	
Rel. Hum.		838			1	2120	79	X 63•6	18.7	73	190	60	≤ 0	F_	≤ 32 F	≥ 67	F	≥ 73 F	≥ 80 F	z 93		Total
Dry Bulb		177				486	332	77.9	9.9	25	190	74							313.	7 55	5.6	720
Wet Bulb		889				2978		68.1			190	62		-				.580				720
Dew Point		767	140	02	1	203	76	03.1	6.3	71	190	61				:240	90	21.	1 .	4		

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0.26.5

Dew Point

VANCE AFB OKLAHOMA/ENID

PSYCHROMETRIC SUMMARY

PAGE 1 HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 | 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 114/113 112/111 .0 110/109 •1 11 11108/107 21 21 106/105 62 62 104/103 .2 139 139 102/101 264 , 1 , 3 264 100/ 99 510 510 .1 722 987 97 722 96/ 95 .0 867 867 • 0 962 962 • 0 1055 1055 92/ 91 1,5 1090 90/ 89 88/ 87 , 8 1090 ۰0 1075 . 1 1075 1.5 1269 367 85 1269 .2 ,7 ,4 . 2 2 . 1 84/ 83 1.6 .0 1273 1273 26 1.3 1.9 , I 13 82/ 31 1291 1291 46 . 3 1448 1448 80/ 79 1 6 1 174 36 .2 1.0 2.0 .6 1.9 2.5 78/ 2,0 82 ,0 1495 76/ 75 1.5 1617 1617 2211 158 1.3 74/ 73 2.0 1.6 1365 1365 3722 600 72/ 71 1147 3839 1693 70/ 69 837 3389 837 • 1 .0 •0 .68/ .67 .0 453 453 2209 3248 262 1394 2954 66/ 65 . 4 262 64/ .63 • Q 116 116 806 2288 62/ 61 485 1702 . 2 - 1 • 0 208 60/ 59 49 49 1343 19 19 970 58/ 57 102 56/ 155 65 688 12 54/ 53 483 .0 22,7 52/ 51 50/ 49 112 48/ 47 64 ΣX $\Sigma \chi^2$ X ø, No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. ≥67 F ≥ 73 F ≥ 80 F ≤ 0 F ≤ 32 F ≥ 93 F Total Dry Bulb Wet Bulb

42-46,49-75

USAFETAC

3909 STATION	VA	NCE	AF8	OKLA	AMOHA	LENI	D			42-	46,4	9-75		Y	ARS					J	UL NTH
																		PAG	E 2		
Temp					-	WET	BULB	FEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(f)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.C. W.B.	Dry Bulb	Wet Bulb	Dew Por
46/ 45																					4
42/ 41 40/ 39																					
OTAL	• 9	7.2	9.8	10.6	10.0	9.8	8.9	7.7	7,3	6.4	5.7	5.2	3.7	2.8	1.8	1.1	9	19506	19506	Ī9506	1950
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iement (X) Rel. Hum.		7536	2363	d -	2 X	41	₹ 59.0	10	748	No. 01	1	= 0	E	≤ 32 F			lours with ≥ 73 F	h Tempera ≥ 80 F		F	Total
Dry Bulb		3495		1	1611	741	82.6	9.	545	19	AA.		`	- 32 P					0 135		74
Wet Bulb		9766			377	769	82.6	4.	58	195	06		_		626	.8	266.8	5,			74
Der Point		8283			266	559	64.5	5.	13	195	06		_		.328	- A	34.4	1.	6		74

13909	VAI	NCE /	arb		ATION N		<u>U</u>			46	46,4	9-15		YE	ARS					MON	UG
																		PAG	1	A HOURS (LĻ
Temp.						WET	BUL 6	TEMPER	RATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	De
112/111									ļ ———	1			i	 	1		•0		1		Г
110/109		- 1							ĺ		İ			Ì			•0	7	7		i
108/107	i								· · · · · ·	1				1		.0		27	27		
106/105	i]]				.0	.1	. 2	74	74		
104/103						 				•0				•1	• 2	-4			174		-
102/101		ľ					į			.0		•0	. 1		1 .!	2		290	290		
100/ 99						 			 	•0		<u>, 2</u>				 ī	·	461	461		┢
98/ 97	- 1	ŀ					.0	.0	.0		1	.7	. 8			, î			537		
96/ 95									.0							•0		755	755		1
94/ 93	ĺ	- 1					.0	.1			3	.9	.6			• •	1	852	852		
927 91				-		•0				1 3	1,2						 	985	985		-
90/ 89		ì				.0		,8		1.3	1.0	,6		i .i			1	1150	1150		•
88/ 87					•0		.7	1.2	1.4	1.0		•4		+			 	1133	1133		-
86/ 85	l	1			.1			1.2	1.1	.6					1 1		1	1236	1237	2	1
84/ 83			•0	• 1	•5			1.2				•1					 	1261	1261		-
82/ 81	1	• d	.0		1.3	1.5	1.5	1.0			1	•0			1 1		1	1365	1365	10	
80/ 79		<u>.d</u>	• 2	1.1	1.7	1.8	1.1	• 7	/			•0			├		 	1428	1428	78	-
78/ 77	ļ	. 1	. 8						.2		1 0	l .	١,٠	1	1 1		1	1426	1426	529	
37 75	• 0	- 4	1.9			·								 -	 		├	1581	1581	1935	
74/ 73	. 1	1.3	2.2	1.5	9						1 .0	i	1	1	} }		i	1468	1468	3435	1
727 71	.2	1.6	1.9	1.1	. 8								 	 			 	1255	1255	3677	١-
70/ 69	3	1.6	1.2	.7			.2				1		l				1	975	975	3460	
687 67				• 6						'	 							675	675	2547	
66/ 65	• 2	1.1	• 1 • 5			1			1	1	1) i		1	399	400	1710	
64/ 63		•3	• 3						 	 	 		<u> </u>				 	222	222	1076	
62/61	- 1	-1	.2				1			ļ			ĺ	Ì				105	105	632	
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60/ 59 58/ 57	• 0	• 1	• 1				}	İ		!				1	1 1			70		220	
		- 1	1	•0	•0	1	├		 -	 -	 -	<u> </u>		├ ──-			 -	42	42		
56/-55 54/-53		.0	• 1		[]						1				21	21	134 53	
			•0		<u> </u>				 	 -	 	 -	 	-			 -		7		
52/ 51	1	• 0		1	1							Ì		1				5	5	29	
50/ 49				<u> </u>	ļ			 	 	 	 		<u> </u>		i		-			4	-
48/ 47					ł		1				1	l			1		1				1
46/ 45					<u> </u>	<u></u>	<u></u>	<u> </u>		<u></u>		L	<u> </u>	<u> </u>	لـــــا			لـــــا			乚
Element (X)		Σχ,		ļ	Σχ		<u> </u>		<u> </u>	No. 0	bs.				, 			h Temperat			_
Rel. Hum.				<u> </u>		_ _			-			± 0	F	≤ 32 F	≥ 67	F 1	≥ 73 F	≥ 80 F	≥ 93 F		Tot
Dry Bulb						_		<u> </u>	_						 -	_		ļ	<u> </u>		_
Wet Bulb						_		ļ	_						<u> </u>						_
Dew Point				Į.		- 1		i .	- 1		1		ì		1	1		1	1		

FORM 0.26-5 (OLA)

USAFETAC

STATION	VA	NCE	AFB	DKLA	AMOH	/ENI	D			42-	4654	9-75		Y:	ARS					A	UG
•																		PAG	E 2	HOURS	
Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb		Dew Por
44/ 43 42/ 41																					34
40/ 39										11					<u> </u>						1
38/ 37	1.1	7.3	10.2	10.3	9.8	9.4	8.4	7.5	7.4	6.8	6.2	5.2	3.9	2.8	1.9	1.0	•7		19989		1998
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Element (X)		Σχ²			z _x	<u> </u>	X	σ _x		No. Ob	<u>. </u>				Mean	No. of H	ours wit	h Tempera	ture	1	<u></u>
Rel. Hum.		765	1072		1700	36	58.5	20.0	17	199	86	≤ 0	F	≤ 32 F	≥ 67	F 3	73 F	≥ 80 F	= 93	F	Total
Dry Bulb	1	3530	58648	3 1	6331	.82	58,5	9.8	29	199								410,	8 118	3.3	74
Wet Bulb			33448	1	3931	.94	69.7	4.5	89	199	87				583	.6 2		1.	3		74
Dew Point		8209	96228	3 1	2756	78	63.8	5.8	1.4	199					279	3 0	19 62) — — — — — — — — — — — — — — — — — — —	0		74

VANCE AFB OKLAHOMA/ENID

13909

PSYCHROMETRIC SUMMARY

SEP

PAGE 1 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) Temu, D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 106/105 104/103 • 0 35 102/101 .0 35 100/ 99 57 57 98/ 97 128 128 96/ 95 255 255 947 93 • 3 289 289 . 1 •0 92/ 91 429 429 90/ 89 .519 519 • 3 • 2 • 1 • 4 •1 88/ 87 529 529 .6 86/ 85 .1 .5 , 3 . 1 642 642 84/ 83 727 727 • 1 .8 851 851 82/ 81 . 8 •,0 80/ 79 78/ 77 .0 996 996 • 6 . 1 • 0 • 3 1123 1123 58 1.0 • 2 76/ 75 .6 1.2 . 0 1282 1282 424 1.2 .4 1342 1343 1387 1387 983 74/ 73 60 72/ 71 .0 1511 328 1.4 1383 1383 1862 70/ 69 •2 1.3 1007 1.0 .0 1249 1249 1947 68/ .67 1578 66/ 65 64/ 63 1136 1137 1764 1738 990 990 1805 1572 1.0 1.2 .5 1.2 • 9 62/ 61 860 860 1687 1426 60/ 59 808 1568 1208 808 661 1283 1226 .1 661 وَّهُ . 3 56/ 55 520 1172 1385 519 54/ 53 .323 323 968 1341 52/ 51 50/ 49 . 5 . 1 249 811 1223 •d 249 552 1056 •3 146 146 48/ 47 92 92 361 842 67 67 182 792 46/ 45 •0 44/ 43 46 103 46 664 522 42/ .41 60 40/ 39 472 Element (X) σ_χ No. Obs. Mean No. of Hours with Temperature ≤ 0 F ≤ 32 F ≥ 93 F Total Dry Bulb Wet Bulb

42-46,49-75

DIS 64 0-26-5 (OLA) REVISED MEYIOUS EDITIONS OF THIS FORM ARE C

JSAFETAC FORM 0.26-5 (OLA)

Dew Point

FORM 0.26-5 (OL A) RIVISTO MENOUS TORIGONS OF THIS FORM - I CANOUTTE

USAFETAC

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13909 STATION	<u>V</u>	NCE	AFB	OKLA	HDMA	/ENI	D			42-	46,4	9-75		YΕ	ARS					S	EP
																		PAG	E 2	HOURS (LL L. S. T.)
Temp.						WET	BULB '	EMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	
38/ 37		.0	1														l —	2	2	11	
36/ 35		<u> </u>	<u></u>															<u> </u>		5	
34/ 33		į		ĺ													Į.				10
32/ 31		<u> </u>	<u> </u>		l									l							3
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28/ 27		<u> </u>			 -												<u> </u>				
26/ 25			}		ļ	ļ	}			ļ				ļ !			1	}			İ
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Element (X)		Σχ'			X		X	- "x		No. Ol	+							h Tempera			
Rel. Hum.			34686		1831	48	61.5	21.1	33	191		≥ 0	F	≤ 32 F	≥ 67		73 F	≥ 80 F	2 93		Total
Dry Bulb	:	10254	14807] —-	.3848	700	1202	11.1	47	191								187.		•0	77
Wet Buib			7340		1990		02.0	7.4	71	191					255		55.4		2		72
Dew Point	L	0288	32028	<u></u>	.082	29	20.6	9.3	10	191	42		Ļ_	2.8	112	62	.2.7	<u> </u>			77

FOEM 0.26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

13909 VANCE AFB OKLAHOMA/ENID

STATION NAME

42-46,48-75

YEARS

PAGE 1

HOURS (L. S. T.)

Temp.						WET	BULB	EMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97	- 1				l		_									.0	•0		2		
96/ 95												.0			•0	•0	•0		13		
94/ 93				I		l					.0	•0	• 0		.0	• 1	•0		37		
92/ 91										.0	.0	•0	• 0		. 1	- 1		63	63		
90/ 89						ŀ		.0			, 1	• 1	• 1		• 1	•0		114	114		
88/ 87	!						-0	• 0		- 1		• 1	• 1	• 1	•1			134	134		
86/ 85	ı			į	Ì	•9	• 1	• 1		• 1	, 2	• 2	• 2		•0			230	230		
84/ 83	i					•0	. 2	• 1		•2		•2	• 2		•0			301	301		
82/ 81				ا	•9	• 1	.3	• 2		, 4	• 2	• 2	• 1					376	376		
80/ 79 78/ 77				.0	- 1	.3	.3			.4			- 1	• 0				501	501		
	i		• 0	• 1	• 1	• 4	• 4	• 4					• 1	•0				550	550	٠, ٨	
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72/ 71	ام	• 1	.2	• 3 • 4	. 4 . 5	• 5	•5 •7	• 4	•5 •6	.4	• 2 • 2	•1	•0					730	734 825	70 210	
70/ 69	•0	• 5		.6	.6	•8	-;-7	• 5					• 0					1038	1039	365	
68/ 67	.1	.6		.7	. 8	.9	.7	.6		.4	,2	.0		•0				1135	1136	700	
66/ 65	•2	•7	9	. 8	- 9	.8				• 2								1194	1196	963	459
64/ 63	.2	. 9		1.0	. 8	В		.5		.1	.0							1258	1261	1204	
62/ 61	.2	1.3	• 9	1.0	1.0	7	•6				_	•0						1302	1303	1324	723
60/ 59	.3	1.5	1.0	1.2		. 8	.6					•						1348	1350	1501	931
58/ 57	. 4	1.4	1.2	1.1	.9	•1	• 5	• 3		.0		 						1277	1279	1677	1075
56/ 55	. 3	1.3		1.1	. 9	. 8	. 5	.2										1200	1202	1651	1196
54/ 53	.3	1.1	1.1	1.1	• 7	• 5	. 3	• 1			<u> </u>							1017	1017	1516	1273
52/ 51	. 3	1.0	1.2	1.1	.7	. 3			•		1							967	971	1413	1328
50/ 49	• 2	1.1	1,2	1.0	• 6	.3	•1											882	884	1471	1242.
48/ 47	. 1	• 9	1.1	. 8	• 5	. 2	• i		.0			l i						686	690	1267	1285
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Element (X)		ΣX¹			Z X	_ _	ጀ	σ _χ		No. Ob	s.							Temperat			
Rel. Hum.									_ _			≤ 0 1		32 F	≥ 67	F ≥	73 F	≥ 80 F	≥ 93 [<u> </u>	Total
Dry Bulb								<u> </u>											<u> </u>	_	
Wer Bulb									_ _							_ _					
Dew Pont						!									l				<u> </u>		

3909 STAT,ON	VANCE A	FB GKI	<u>LAHOMA</u>	VENI	D			42-	<u>46,4</u>	8-75								0	CT
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Temp				WET	BULB T	FUPER	ATURE	DEPRE	SSION (<u>")</u>						TOTAL		TOTAL	
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Element (X)	Σχ2		Z _X		'	€ _X		No. Ob	s. T		<u> </u>		Mean N	o. of H	ours with	Temperat	ure	<u> </u>	L
Rel. Hum.	83996	413	12102	315	62,1	21.3	39	195		± 0	F :	≤ 32 F	≥ 67		73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb	77954		12133	334	62.1	11.6	38	195	49		\neg		256					•0	74
Wet Bulb	5821	624	10517	770	53.9	8.7	81	195				6.4			3.2		- 	- 	74
Dew Point	45557		9183		47.1		- 6	195	<u> </u>			75.2			•1		- 		74

1018M 0.26.5 (OL A)

13909	VA	NCE	AFB		AMOH		D			42-	46,4	8-75			AR5					N MO	٥٧
STATION				51	ATION N	AME								YE	ARS			PAGI	1	A	LL L. S. T.)
Тетр						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (F)			-			TOTAL		TOTAL	
(F)	0	1 . 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26		- 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poir
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84/ 83											.0						<u>L</u>	1	1		
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70/ 69		.0	• 1	•2			.3		•2	• 1	.1	•0					 	322	322	8	
68/ 67		. 1	. 1	. 2	. 3	.3	.3	.3	. 2		ī				1			414	414	29	
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62/ 61	•0			• 4	. 4	•4	.4	.4	.3								<u> </u>	628	628	305	146
60/ 59										•0								769	770	488	251
58/ 57	• 1	• 4	•6	• 5			.8	• 5		Į				{				845	848	565	319
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52/ 51	.1					.9			.0					1			1	959	959 976	736 883	434 528
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Wet Bulb				 		_		<u> </u>										<u> </u>	_		
Dew Point				<u> </u>		!_									<u> </u>						

SAFETAC

VANCE AFB OKLAHOMA/ENID

PSYCHROMETRIC SUMMARY

VON

STATION				5	TATION N	AME								YE	ARS			,		MON	TH
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Rel. Hum.			326		2360	125	64.6	10	306	191			<u>- </u>	≤ 32 F	≥ 67		73 F	≥ 80 F	2 93	F	Total
						727	11 TO 1	7270	::3] -			0									
Dry Bulb		4627	(054)	¥	9110	243	47.6	11606	UH.	191	.38			74.5			14.0	1.	<u> </u>		72
Wei Bulb			1560		801		41.5	110.	155	191	22			131.9		•4		<u> </u>	_	ļ	72
Dew Point		2610	1189	X	6690	23	35.0	11.8	370	191	22	1	. 8	312.6		.3			1	L	72

42-46-48-75

13909	VAN	ICE .	AFB (D			42-	46,4	8-74								01	
STATION				ST	ATION NA	ME								Y	EARS			PAGI	E 1	MON A I	LL
Temp.			~			WET	BULB T	EMPER	TURE	DEPRE	SSION (F)						TOTAL		TOTAL	
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60/ 5'	• 0	•2	•2	•2	• 2	•2	.3	3	1	.0			 	┼──	 			295	295	93	25
58/ 5	.1	.2	.2	.1	.2	.3	,3	. 2	,0		4				1]	1	323	324	114	69
567 55	• 0	.3	•2	•2	3	.4	.4	- 2	.0				 	1	 	╁──	-	387	387	173	89
54/ 53	. 1	.3	. 1	. 2	.5	•6	.5	. 2	.0			Ì		}	1	1	1	460	460	209	107
52/ 51	-1	• 4	.2	·4	• 7	• 7	• 5	•1			l		<u> </u>	 	†	1	1	546	546	258	165
50/ 49	• 2	• 5	.4	.7	• 9	• 7	.3	• o						1		1		694	694	401	179
48/ 47	.3	• 4	•7	1.0	1.2	-7	•1	•0					Γ-					818	820	513	228
46/ 45	- 4	. 8	• 9	1.4	1.3	.5	• 1					<u> </u>	L	<u>. </u>	<u> </u>	j	1	1013	1019	690	257
44/ 43	. 3	• 7	1.3	1.6	1.0	•2		İ			1				ļ			959	960	867	356
42/.41	.4	1.1	1.8		•9	• 2	•0				<u> </u>			<u> </u>				1118	1119	1031	400
40/ 39	- 3	1.3	2.2	1.7	. 8	• 1	- 1	i			1	ŀ	1	1				1163	1164		581
38/ 37	.3	1.7	2.4	1.8	- • 5	• 0						ļ	<u> </u>	 	ļ			1245	1252	1395	676
36/ 35	-6	3.0	2.4	1.3	• 3	•0	•0	l			ļ			ŀ	1		1	1405	1407	1504	988
32/ 31	•5	2.8	2.5	-8 -8		•0				 	 -	├		 		 	-	12/1	1278	1589	1259
30/ 29		3.3	1.7	.5	•0	٠٧				İ								1292	1096	1	1641
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26/ 25	.5	2.0	1.1	Ž	• •					l			l				İ	692	693	938	1601
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Element (X)		έχ²			ž x	T	x	σ _g	\top	No. Ol	·s.	·····			Meon	No. of	Hours wi	h Temperat	ure		
Rel. Hum.												≤ 0	F	≤ 32 F	≥ 6	7 F	≥ 73 F	≥ 80 F	≥ 93 1	- 7	Total
Dry Bulb																					
Wet Bulb																					
Dew Point																					

3909	<u>V A</u>	NCE	AFB	OKL	AHOM/	A/EN	I D			42-	46,4	<u>8≕74</u>	<u> </u>		YEAR	RS					D	EC.
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Temp.							BULB								_				TOTAL		TOTAL	
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16/ 15	. 2			4			į						ļ		\neg				201	201	265	
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lement (A)			1702		1259	972	X 68 -4	18.6	30	184		± 0	<u>-</u> T	≤ 32		mean n ≥ 67		≥ 73 F	× 80 F	× 93	<u> </u>	Total
Dry Bulb		200	3843	┧	700		37.9	11.7	21	184	70			244			-4	1.3			'	74
Wer Buib			2364		523	020		9.8			39			334			. 7	3.00	'	┺		7
		6601	L J U T.	_	UL D	ひんカ	2250	7	UT	107	777											

Dew Point

3909 STATION	VAI	NCE .	AFB	UKLA	HUMA ATION N	AME	MIT				~ :	42-6	4794	9-60	100	,74~7	EARS					JA	
																				PAG	E 1	()000-	•020
Temp.													SION (TOTAL		TOTAL	
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64/ 63	- 1	. 2	ĺ				- 1			Į.	Ĺ					1	İ			3	3		
62/ 61	<u>• 1</u>	.1	•1			<u> </u>				<u> </u>	_ _					<u> </u>	<u> </u>			5	5		
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58/ 57	<u>• 1</u>	- 2	. 1				<u>• 1</u>		 	- 					Ì	- -	ļ			10	10		
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8/ 47		- • 7	.5	- :		} —	.2	- 4 4		-}						+		 -		37	37		
3/ 45	.3	1.0	, ,	• 3	• 2	3	.1		1			- 1								57			
4/ 43	- 3	.6	.8	- 5		1-	.1		†						 	-	 			48			
2/ 41	. 2	1.4	1.5	. 5			٦		1	-	-	- 1					1		1	77	77		
0/ 39	.8	1.4	2.0				\neg		1	 -	_				i		1			92	92	76	
8/ .37	1.d	1.6	3.8	1.4	_ •	5	ı]	1	1	- 1]	1	1)	147	147		
6/ 35	1.0	4.3	3.0	1.1	!	1					_				1	_i				165	165		
4/ 33	.7	5.6	3.0	. 4												_l	1			171	171	191	
2/ 31	-3	3.1	2.6	. 4	1										1					113	113	175	1
30/ 29	1.0	4.9	1.4			<u>l</u>	1		<u> </u>								<u> </u>			134			1
8/ 27	1.1	3.4	1.3	. 1	i	ļ				Ì										104			1
6/ 25	. 9	3:2	1.5			1					\perp					-	<u> </u>	<u>L</u>		99			_1
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lement (X)		Σχ²			Σχ		Π	X	1 7	×		lo. Ob	s.				Mean	No. of	Hours wi	th Tempera	ture		
Ret. Hum.							L							± 0	F	≤ 32 F	≥ 6	7 F	≥ 73 F	≥ 80 F	≥ 93	F T	Total
Dry Bulb							1													1	i i		

PSYCHROMETRIC SUMMARY

13909 VANCE AFB DKLAHDMA/ENID 42-47,49-60,68,74-75

STATION STATION NAME

VEARS

FAGE 2 0000-0200

HOURS (L. S. T.)

Temp.						WET	BULB	FEMPER	ATURE	DEPRE	SSION (F)				_		TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B., W.B.	Dry Bulb	Wet Bulb	Dew Point
4/5	- 1													1				2	2	3	4
·-6/ -7					! .					1				1 1	.		1				11
-87 -9											l			1	i			T			3
-10/-11			J		ĺ		i ,			l					1			į į			2
-12/-13					i			i		 											6
-14/-15 -16/-17			[ļ	!		i l				i	[[ļ			ł i			11 3 2 6 3
-16/-17			1	i			i														2.
-18/-19						<u> </u>				L		l l								İ	1
TOTAL	13.5	48.0	25.3	8.9	2.4	.9	• 3		. 1										1758		1757
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Element (X)		Σχ²		<u> </u>	z _x		X	σ _χ		No. O								th Tempera			
Rel. Hum.			7444		1330	36	75.7	14.5	99	1	57	≤ 0 !		± 32 F	≥ 67	F :	73 5	≥ 80 F	z 93	F	Total
Dry Bulb		198	19027	1	558	45	31,8	10.3	63	17	58		.5	45,4							93
Wet Bulb			8240		516	74	29,4	10.3	61		57			37.1							93
Dew Point		132	20204	1	432	32	24.6	12.0	85	1	57	2	. 8	73.2	<u></u>			<u> </u>			93

Form 0.26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

1	3909	VANCE	AFB		HOMA		D			42	47,4	49-75			ARS				AL THOM	N
	5121100			3	A HOLLA	AME								16	AK5		PAG	E 1	0300-	0500
Γ	Temp.	······································				WET	BULB '	TEMPER	ATUR	FDEPR	ESSION	(F)					TOTAL		TOTAL	
	(F)	0 1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 14	15 - 16	5 17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	7 - 30 ≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb D	ew Point
	64/ 63		g														1	1		
ŀ	62/ 61		2 .0		\vdash		•0	<u> </u>	•	4	 -						$\frac{8}{11}$	11	3	5
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	52/ 51	.2	5	• •				1			-	1 !			1 1	1	27			-4
-	50/ 49 48/ 47	•4	3 .7	1							 				 -		30		24	12
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1	44/ 43	.2 .	6 .8	1 .8						 	 	1		 	 		59		29	22 17
	42/ 41	.71.	4 .8	9 . 9	3									l			90		54	35 57
	40/ 39	1.4	8 1.6	•	• 7					T		T					110	110		57
	38/ 37	•5 1.	4 2.	.8	• !										i		111			46
- 1	36/ .35 34/ 33	.93. 85.			• 1	ų 1	1	ļ	ļ		1	İ I		 	i		161	161		69 88
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- 1	30/ .29	1:1 4	.1 .			1	1	}	1	1				1		- 1	108			198
Ţ	.28/ 27	.9 4.		-+								1					152	152	227	149
Ì.	.26/ .25	1.0 4.			<u> </u>	<u> </u>		<u> </u>	<u> </u>		<u> </u>	<u> </u>		<u> </u>			133			179
- [.24/ .23	1.2 2.		-l .	J			l	ţ		Į	j		1	i l		107			185
ŀ	22/:21	.5 3		<u>ه</u> و ان و		 -	 	 	 	┼	 			 	├		96 78			139
1	18/ 17	.6 2	8		1		}	1	1		i			1	\ \		81		65	128
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ļ	10/ 9	.6 1.	_;	 	ļ		 	 	<u> </u>				<u> </u>	 	 -		44			60
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[Element (X)	Σχ,			Σχ	$ \Gamma$	X	0,		No. C	bs.				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	o. of Hours	~~~	_,		
ļ	Rel. Hum.	 -		┦		_		 				= 0	F	≤ 32 F	≥ 67	F ≥ 73 F	≥ 80 F	≥ 93 1	F T	otal
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	Dew Point	 		 				 				 -			 		- -			
Ĺ								ــــــــــــــــــــــــــــــــــــــ												

PSYCHROMETRIC SUMMARY

13909		ANCE	AFO	51 S1	ATION N	AME				46	7194	9-75	<u> </u>	YE	ARS					J	HT
																		PAG	E 2	0300 HOURS (L.
Temp.										DEPRE								TOTAL		TOTAL	_
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	4 25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	. D
-4/ -5		0 .1																3	3	3	Ŧ
-6/ -7		.0		l	l	<u> </u>				l	<u> </u>	<u> </u>	<u> </u>]]]	1	1	1	<u>.</u>]_
-8/ -9		• 0	4							[[1	1	1	J
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Wet Bulb	_		8676		61:		27,8	10.6	12	22	17		.9	64-5		_		<u> </u>			_
Dew Point		154	1002	:}	51:	800	23+3	12.4	14	22	17	2	3.6	76.0	ì	ı			L	L_	

FORM 0.26-5 (OL A) REVISEO MENDAS EQUIDOS OF THIS FOLM ARE CANOUTED JUL 24.

13909 VANCE AFB OKLAHOMA/ENID 42-47,49-75

PSYCHROMETRIC SUMMARY

JAN

_	STATION				51	ATION N	AME								YE	ARS					MON	TH
																			PAGE	: 1	0600.	0800
-	Temp. (F)										DEPRE							T	TOTAL		TOTAL	
		0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Jry Bulb	Wet Bulb I	Dew Point
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	50/ 49								ļ		<u> </u>				<u> </u>			<u> </u>	.23	24	12	10
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	42/ 41		.8					<u> </u>	<u> </u>		<u> </u>				<u> </u>			<u> </u>	771	72	52	42 65 54
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	30/.29	• 7						<u> </u>	<u></u>									<u> </u>	237	239	244	.228
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•	lement (X)		Σχ'			Σχ	'	' 	· •,		No. Ol	5.		·		Mean I	to. of t	lours wil	h Tomperati	ure		
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3	Dry Bulb						_ -		 							 	$\neg \vdash$		1	1	_	
	Wet Bulb						-		1					-		 			 	+		
					7							,				,						

PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature

267 F 273 F 280 F 293 F

93

93

93

VANCE AFB OKLAHOMA/ENID 13909 42-47,49-75 JAN YEARS SYATION NAME 0600-0800 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point TOTAL Temp. (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 12 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | .0 .1 32 --4/ --5 3 -6/ -7 23 10 -10/-11 -12/-135 4 2 -14/-15 -16/-17 4 -18/-19 -20/-21 TOTAL 15.458.719.7 4.6 1.3 2744. 2753 2744 2744

No. Obs.

2744 2753

2744

±0 É

≤ 32 F

.7 58.2

.8 67.6 4.8 77.2

ZX

THIS FORM ARE OBSOLETE REVISED PREVIOUS EDITIONS OF ã Š C-26.5 FORM JUL 64

Element (X)

Dry Bulb

Wet Bulb

Dew Point

 Σ_{X^2}

17208347

2588878

2270529

1791339

(OL A)

0.26-5

USAFETAC

PSYCHROMETRIC SUMMARY

13909 VANCE AFB OKLAHOMA/ENID JAN 42-47,49-75 YEARS 0900-1100 HOURS (L. S. T.) PAGE 1

Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION ((F)							TOTAL		TOTAL		ł
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25	26 2	7 - 28	29 - 3	0 ≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	ا
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60/ 59		. 1		•0	.0		. 2		. 1					<u> </u>]			20	20		.2	_]
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34/ 33	•8						1	ĺ		1	ł	j		1 .			1		218	219			
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Dry Bulb	 					 		 					`	- 52 1	\dashv	- 57	`	- /3 !	1 - 00 1	+			4
Wet Bulb	 							 					\dashv		\dashv				 	+			┨
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PSYCHROMETRIC SUMMARY

HOURS (L. S. T.)

13909 VANCE AFB OKLAHOMA/ENID 42-47,49-75 JAN
STATION NAME PAGE 2 0900-1100

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point 2/ 49 1 16 0/-1.0 3 39 ·-2/ ·-3 ·-4/ ·-5 25 19 19 ·-6/ ·-7 -8/ -9 -10/-11 -12/-13 -16/-17 TOTAL ٠5 6 ,3 8.937.827.413.8 7.6 2.6 2945 2940 2940 2940 2x 205187 98508 No. Obs. Mean No. of Hours with Temperature Element (X) 69,816.571 33.412.241 30.210.950 15136507 3736124 2938 € 93 F ± 32 F 40•0 ≥ 67 F × 73 F ≥ 80 F Rel. Hum. ≤ 0 F 2945 93 Dry Bulb 88714 70493 51.6 71.0 3029326 2940 93 Wet Bulb 2152289 24.012.539 93 2940 Dew Point

10EM 0.26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

Temp	p.						WET	BULB '	TEMPER	ATUR	E DEP	RESS	ION (I	-)							TOTAL		TOTAL	
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.48/	47	•			1.3	1.8	1.5		• C	1	T						7				169	169	158	27
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Wet Bu	1b								1															
Dew Po	tnia								1	T i					Ţ.						i			

PSYCHROMETRIC SUMMARY

13909 VANCE AFB OKLAHOMA/ENID 42-47,49=75

STATION STATION NAME

VEARS

TPAGE 2 1200-1400

HOURS (L. S. T.)

	Temp.				,,						DEPRE								TOTAL		TOTAL	
((F)	0	1 - 2	3 - 4	5 · 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	2 31	D.B. W.B.			Dew Point
	12/ 11	.2	. 8																33	33	45	81
	10/ 9																		25	25	34	92
(8/ 7	. 1	• 4																16			77
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VANCE AFB OKLAHOMA/ENID

13909

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PSYCHROMETRIC SUMMARY

JAN YEARS PAGE 1 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 . 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B.-W.B. Dry Bulb Wet Bulb Dew Point (F) 80/ 79 78/ 77 .1 . 1 76/ 75 • 1 •0 74/ 73 72/ 71 .1 8 8 70/ 69 21 32 21 32 68/ 67 . 3 66/ -65 39 39 64/ 63 58 58 • 1 • 1 • q 75 76 62/ 61 60/ 59 58/ 57 1.0 14 22 26 . 1 88 1.9 88 • 1 • 3 130 130 .1 1.3 56/ 55 1.0 •1 140 140 13 136 15 54/ 53 45 136 52/ 51 83 25 • Q 163 163 19 25 50/ 49 174 1,33 174 136 .48/ 47 1.1 162 136 . 1/ 45 158 159 177 48 44/ 43 .8 .2 139 211 1.2 68 • 1 • 4 1.1 .7 139 1.6 42/ 41 1.2 169 169 225 102 40/ 39 1.2 1.5 .3 160 208 87 160 38/ .37 225 139 123 123 .6 .5 1.3 . 8 121 103 36/ 35 1.6 121 192 202 167 209 34/ 33 103 32/ 31 1.3 194 1.1 • 5 82 82 188 -3 •0 30/ 29 106 106 108 172 28/ 27 .3 188 88 123 1.4 88 77 116 72 26/ .25 208 • 0 24/ :23 .1 1.0 53 53 1.62 67 67 158 61 20/ 19 18/ 17 121 1.6 67 67 71 42 85 129 42 • 1 16/ 15 1.1 42 42 57 93 90 Σy Zχ x No. Obs. Mean No. of Hours with Temperature ± 32 F ≥ 93 F Rel. Hum. 10F 267 F 273 F 280 F Total Dry Bulb Wet Bulb Dew Point

42-47,49-75

õ a õ 0.26.5 FORM JUL 64

PSYCHROMETRIC SUMMARY

93

13909 VANCE AFB OKLAHOMA/ENID JAN YEARS STATION NAME 1500-1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 21 D.B. W.B. Dry Bulb Wet Bulb Den Point TOTAL 12/ 11 10/ 9 12 74 30 11 11 20 62 87 5 10 51 6/ 53 3 4/ 32 0/ -1 19 --2/ --3 --4/ --5 13 -6/ -7 9 --8/ --9 .3 -10/-11 -12/-13 2 .4 -14/-15 -15/-17 TOTAL 4.719.616.414.014.912.9 8.3.5.0 2.2 . 8 2922 2921 2921 2921 7 166603 57.020.473 123000 42.114.248 Element (X) Zx2 No. Obs. Mean No. of Hours with Temperature 10726579 2921 2922 ≤ 32 F ≥ 67 F ≥ 73 F Rel. Hum. € 80 F i ≥ 93 F 2.4 93 5770578 23.4 Dry Bulb 104451 35.811.262 76534 26.212.429 2921 1 32.5 93

2921

2.1 62.3

42-47,49-75

FORM FOTON ð õ 0.26.5

Yet Bulb Dew Point 4105391

2459026

Wet Bulb Dew Point

PSYCHROMETRIC SUMMARY

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STATION			-	51	TATION N	AME								YE	ARS						
																		PAGE	1 _	1800-	-2000
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THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

VANCE AFB OKLAHOMA/ENID 42-47,49075 JAN 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 51 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point (F) 0/ -- 1 21 -2/ -3 8 6 -6/ -7 ·--8/ ·--9 3 -12/-13 -14/-15 3 6.830.325.718,510.1 5.3 2.3 2457 2456 TOTAL .7 2456 2456 Element (X) Rel Hum. No. Obs. Mean No. of Hours with Temperature X 164669 67,017.527 90375 36,811.984 80494 32.810.535 11794841 164669 2456 2457 ≤ 0 F ≤ 32 F 267 F 273 F 280 F 293 F 90375 31.0 93 3676951 Dry Bulb 2910610 •2 2456 42.6 93 Wel Buib 2024578 63896 25.012.147 2456 65.3 93 Dew Point

USAFETAC

PSYCHROMETRIC SUMMARY

13909	VA	NCE	AFB				Ď.			42.	-47,6	9-75								J	AN
STATION				\$1	ATION N	AME								YE	ARS			PAGE	1		-2300
Temp,						WET	BULB	TEMPER	RATU	RE DEPR	ESSION	(F)						TOTAL		TOTAL	
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PSYCHROMETRIC SUMMARY

13909 VANCE AFB OKLAHOMA/ENID 42-47,49-75

STATION STATION NAME

PAGE 2 2100-2300
HOURS (L. S. T.)

Total Total TOTAL

TOTAL

TOTAL

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PSYCHROMETRIC SUMMARY

VANCE AFB DKLAHOMA/ENID

42-46,49-60,72-73,75 YEARS

FEB MONTH

PAGE 1

0000-0200 HOURS (L. S. T.)

Temp											SSION (TOTAL		TOTAL	
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FOEM 0.26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-60,72-73,75 FEB

PAGE 2 0000-0200

Temp.						WET	BULB	TEMPER	RATURE	DEPRE	SSION ((F)						TOTAL		TOTAL	
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Wet Bulb	 	TŘ	22080			578	33	0.7	10	- Î.A.	28		-	39.5	 			 			8
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Dew Point		745	10100	<u>/</u>	72	176	201	14 7 0 (117	1,2	20	<u></u>	•5	340 (<u>/</u>						

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USAFETAC

Dew Point

PSYCHROMETRIC SUMMARY

PEB

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75 YEARS PAGE 1 0300-0500 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 31 - 12 | 33 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point • 2 64/ ,63 62/ 61 .3 . 1 60/ .59 58/ 57 56/ 55 10 18 11 18 54/ 53 52/ 51 40 16 40 50/ 49 38 38 37 48/ 47 64 • 5 • 8 .64 1.0 1.1 46/ 45 86 86 63 1.3 44/ 43 80 80 51 1.1 .62 109 -42/ -41 2.0 109 35 60 .9 2.3 3.0 1.1 .7 2.2 2.5 1.2 148 .40/ 39 148 4.7 133 130 38/ 37 68 3.4 2.1 3.0 2.2 36/ 35 130 130 152 90 34/ .33 143 143 168 150 3.8 1.9 5.0 2.4 161 32/ 31 1.7 175 132 176 30/ 29 176 158 160 127 28/ 27 3.3.1.2 107 107 129 26/ 25 1.1 3.7 123 161 24/ 23 2.0 75 75 103 145 89 21 18 19 80 .57 57 .20/ 2.0 • 2 82 17 45 48 79 18/ 1.5 45 15 31 46 87 16/ .31 14/ .4 68 12/ 11 19 19 16 48 • 6 • 2 49 11 36 8/ 11 6/ . 1 4/ 1 0/ -1 6 Element (X) Z X **₹** No. Obs. Mean No. of Hours with Temperature Rel. Hum. ± 0 F ≤ 32 F ≥ 67 F ≥ 73 F Dry Buib Wet Bulb

REVISED PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

0.26-5 (OL A)

10 th

PSYCHROMETRIC SUMMARY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75 FEB

STATION NAME PAGE 2 0300-0500

TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp, 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 5 ·-4/ ·-5 -6/ --7 -10/-11 1928 TOTAL 16.344.525.0 9.2 3.6 1.0 1927 1927 1927 77.314.974 33.510.374 31.2 9.698 26.811.159 Z_X 148877 No. Obs. Mean No. of Hours with Temperature Element (X) 11945357 1925 1928 ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F ≤ 32 F Total Rel. Hum. ≤ 0 F 64652 60042 84 2375368 39.3 Dry Bulb 46.7 59.5 2051934 1927 - . 1 84 Wet Bulb 84 Dew Point 1618860 51550

FORM 0.26-5 (OL A) REVISED REVIOUS EDITIONS OF THIS FORM ARE GESCHERE

PSYCHROMETRIC SUMMARY

13909	VA	NCE	AFB			/ENI	D			42-	46,4	9-75								FE	
STATION				ST	ATION NA	ME								YE	ARS			PAGE	: 1 .	MONT 0600=	-0800
Temp						WET	BULB 1	FEMPER	ATUR	E DEPRE	SSION (F)						TOTAL		TOTAL	
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Rel. Hum.		-^_							-			± 0	F	≤ 32 F	≥ 6		2 73 F	- 80 F	≥ 93 F	FT	otal
Dry Bulb				 				ì	_			<u>`</u>			1			1	1	_	
Wer Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

42-46,49-75 VANCE AFB OKLAHOMA/ENID FEB STATION PAGE 2 0600-0800

WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 23 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) --4/ --5 -6/ -7 ·-8/ ·-9 2400 15.349.523.9 7.5 2.9 TOTAL .6 • 0 2403 2400 2400 77.714.371 32.410.111 30.1 9.483 25.810.968 No. Obs. Mean No. of Hours with Temperature

> 67 F ≥ 73 F > 80 F ≥ 93 F Element (X) 2399 14995464 186510 Rel. Hum. 2 0 F ≤ 32 F 84 77744 2760800 42.1 2403 Dry Bulb 2391842 1882510 2400 •1 72268 50.1 84 Wer Bulb Dew Point 61850 2400 62.2 84

THIS FORM ARE OBSOLETE AEVISED PREVIOUS EDITIONS OF ₹ <u>o</u> 0.26.5

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PSYCHROMETRIC SUMMARY

VANCE AFB OKLAHOMA/ENID

42-46,49-75

FEB

PAGE 1

0900-1100

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 76/ 75 •0 74/ 73 72/ 71 70/ 69 68/ 67 • 1 66/ 65 10 13 10 13 62/ 61 60/ 59 26 •0 30 30 11 58/ 57 45 56/ .55 76 19 7 76 54/ 53 67 67 52/ 51 121 121 36 .50/ 49 55 35 132 .0 48/ 47 122 122 85 31 .46/ 45 140 116 47 140 .44/ .43 148 138 39 42/ 41 1,48 149 174 62 4 1.2 1.4 .7 1.5 1.7 .5 1.9 2.2 1.4 2.6 1.6 1.0 2.2 2.1 .3 2.2 1.6 40/ 39 184 185 196 101 38/ 37 213 216 184 184 178 181 161 34/ 33 191 178 178 201 32/ 31 • 1 161 163 230 209 30/ 29 28/ 27 26/ 25 24/ 23 119 177 220 1.8 109 1.2 •4 109 138 90 198 128 90 .9 •0 1.5 70 71 162 22/ 21 95 140 62 62 20/ 19 18/ 17 51 32 59 51 106 32 44 105 .16/ 15 .14/ .13 . 9 34 35 18 46 91 73 28 12/ 11 22 63 46 Element (X) Mean No. of Hours with Temperature Rel. Hum. ≤ 32 F 267 F × 73 F × 80 F Diy Bulb, eWer Bolb.

AFETAC 1084 0.26-5 (OLA) REVISED MENOUS EDITIONS OF THIS FORM ARE CANDERFEE

THIS FORM.

0.26-5 (O'_A)

PSYCHROMETRIC SUMMARY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75 FEB
STATION STATION NAME YEARS MONTH

PAGE 2 0900-110

PAGE 2 0900=1100 HOURS (L. S. T.)

Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 25 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 D.B. W.B. Dry Bulb Wet Bulb Dew Point •0 8/ 40 3 6/ 30 34 4/ 2/ 0/ -1 ·=47 ···5 --8/ --9 -10/-11 TOTAL 9.428.122.717.910.3 5.9 3.6 1.4 2592 2582 2582 2582 z_x 174268 7.519.050 No. Obs. Element (X) Σχ² Mean No. of Hours with Temperature 12702762 2581 ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F 38.411.362 34,3 9.649 2592 24 •1 4161635 99599 25.1 Dry Bulb 3270694 88456 35.2 2582 ,0 35.2 .7 56.7 84 Wet Bulb 2582 2284573 71225 27.611.132 84 Dew Point

PSYCHROMETRIC SUMMARY

VANCE AFB OKLAHOMA/ENID 42-46,49-75 PAGE 1 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 86/ 85 82/ 81 80/ 79 . 1 • 0 78/ 77 76/ 75 74/ 73 .0 72/ 71 • q 23 70/ 69 47 68/ 67 31 66/ 65 57 64/ 63 82 82 62/ 61 79 -60/ 59 58/ 57 118 118 56/ 55 . 2 .9 115 1.1 115 11 34/ 53 125 125 52 52/ 51 139 139 31 50/ 49 126 126 146 43 48/ 47 .5 1.3 1.6 •0 155 155 164 182 143 65 44/ 43 42/ 41 134 134 197 66 137 174 99 137 40/ 39 146 146 212 112 103 129 38/ 37 191 103 36/ 35 120 122 181 175 111 99 34/ -33 178 157 32/ 31 98 155 198 191 30/ 29 103 28/ 27 .26/ 25 73 72 128 166 81 184 24/ 23 . 8 39 39 62 177 22/ 21 46 46 53 129 20/ 19 28 15/ 81 X No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 2 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total Dry Bulb

10k A

Wer Bulb Dew Port

USAFETAC

PSYCHROMETRIC SUMMARY

Temp).							BULB 7											TOTAL		TOTAL	
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Elemen			ΣX,			z _X		X	Ø,		No. O					,			h Temperat			
Rel. Hu			937	24513	<u> </u>	1450	105	56.0	21.5	85	25	90	± 0	F	± 32 F	≥ 67		73 F	≥ 80 F	≥ 93 F	 -	Yotol
Dry Bul				76789		1187		45.7	13.1	18		95		_	14-4		+4	1.1		4		84
Wet Bu				32113		1002	25	38.7	9.8	99	25	90		_	22/15		•0		<u> </u>			84
Dew Pa	oint		250	5707	r _i	749	81	29.0	11.3	75	25	90		• 6	52.1	1	•0		1			84.

PSYCHROMETRIC SUMMARY

| Temp. | WET BULB TEMPERATURE DEPRESSION (F) | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | BOLB TEMPERATURE DEPRESSION (F) | D.B. W.B. Dry Bulb Wet Bulb Dew Point | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 85 | BOL 8

(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	z 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	1
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76/ 75					 }-		- 1	<u>.0</u>	• 0	• 1	.0	• 0	•]					15	15	 		1
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Element (X)		ΣX			z x	-	<u>x</u>	● x		No. OI	ıs.				,			1 Temperat				4
Rel. Hum. Dry Bulb				├								± 0	-	± 32 ₹	≥ 67		73 F	≥ 80 F	* 93 F	`- `	rotol	4
Wet Bulb															 			 	+			+
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DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75 FEB STATION STATION NAME PAGE 2 1500-1700 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point (F) 10 104 72 . 1 16/ 15 <u>.</u>1 3 14/ 13 45 47 12/ 11 9 10/ 23 8/ 6/ 11 16 47 2/ 15 4 3 0/ -- 1 --4/ --5 --6/ -7 6 4.213.412.812.412.614.2 9.0 8.8 5.8 3.7 1.8 TOTAL 2555 2555 2555 2555 0.26.5 (OL A) Element (X) No. Obs. Mean No. of Hours with Temperature 52.822.038 48.013.460 39.9 9.794 8356412 6346845 134838 122613 102035 2555 2555 267 F 273 F 280 F 7 1 1 9 4 Rel. Hum. ≤ 0 F ± 32 F ≥ 93 F 11.3 84 Dry Bulb

2555

2555

51:1

29.211.288

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84

4319799

2504622

Wer Rulb

Dew Point

FORM 0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

13909	VA	NCE	AFB	OKLA	HON'A	/EN:	<u>s</u>			42-	4654	9-75				· 		, <u></u>		FE	
STATION				\$1	AT 104 N/	·ME									YEARS			PAGE	1	1800=	2000
Temr.						WET	BULB T	EMPERA	TURE	DEPRE	S10N (°)						TOTAL		TOTAL	
(F)	0	1 - 2	3 . 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 . 2	6 27 -	28 29	- 30 ≥ 3	D.B. W.B. D	ry Bulb	Wet Bulb D	ew Point
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48/ 47	• d	. 4	1.0	1.5	1.5	. 9	. 4	• d		_ [-	!	į į	123	123		38
46/ 45	.2	1.0	1.2	2.0	1.7	1.3	.3		•0									165	165	138	36
44/ 43	.8		1.1	1.2		.7								<u> </u>			l_	139	139	175	84
42/ 41	. 5	• 9	1.0	1.8				_ [122	122	175	85
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36/ .35	. 3													 				144	144	166	124
34/ 33	• 7		1.6											1			1	122	122	184	148
32/ 31	<u> 3</u>	1.3														- +-		89	89		147
30/ 29	. 2		1.6										İ	-		- [Į.	79	79		185
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Rel. Hom.												≤ 0	F	≤ 32 F		≥ 67 F	≥ 73 F	≥ 80 F	≥ 93	F T	otol
Dry Bulb																					
Wet Bulb																			ļ		
Dew Point								<u> </u>			1						<u></u>		<u> </u>		

FORM 0.26.5 (OL A)

USAFETAC

VANCE AFR OKLAHOMA/ENID

PSYCHROMETRIC SUMMARY

FEB

STATION				<u> </u>	ATION N	AME				1					ARS					1401	17#
2 511011				3.	A1104 H	-mL								,,	ANJ			PAG	E 2	1800	-2000
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION ((F)						TOTAL	<u> </u>	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	9 - 30	> 31	D.B. W.B.	Dry Bulb		Dew Po
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et Bulb		312	8555		794	27	37.0	9.4	146		48			26.5							8
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42-46,49-75

PSYCHROMETRIC SUMMARY

FEB

VANCE AFB OKLAHOMA/ENID 2100-2300 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 72/ 71 70/ 69 • 1 66/ 65 64/ 63 62/ 61 12 25 • 1 s 1 60/ 59 58/ 57 56/ 55 21 21 4 27 54/ 53 . 4 35 35 10 5 52/ 51 76 76 49 50/ 1.3 88 88 41 48/ 47 1.3 1.1 99 99 30 1.0 46/ 45 1.4 106 47 106 44/ 43 1.4 1.5 -1.6 1.7 1.6 -4 1.4 1.9 1.7 -8 2.7 1.9 1.2 1.2 2.4 2.4 -5 3.1 125 53 .9 42/ 41 103 116 103 55 40/ 39 71 106 106 142 38/ 37 123 58 103 103 36/ 120 131 33 122 34/ 122 134 119 32/ -31 132 120 .5 2.8 2.1 .5 2.9 1.0 30/ 29 97 97 140 147 23/ 27 89 89 108 109 26/ 25 24/ 23 2.0 1.2 61 61 99 139 103 32 62 121 32 1:1 22/ 21 27 55 83 27 20/ 20 39 58 19 18/ 17 31 1.1 31 16/ 68 14/ 13 .3 49 8 11 5 . 1 10% 25 8/ .61 5 .41 Element (X) $\Sigma \chi^2$ X No. Obs. Moon No. of Hours with Temperature ±0 F ≤ 32 F ≥ 67 F ≥ 73 F > 80 F ≥ 93 F Total

42-46,49-75

a

Dry Bulb Wet Bulb Dew Point

VANCE AFB OKLAHOMA/ENID

13909

THIS FORM

EDITIONS OF

ã S P

n.26.5

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F FEB

94

84

84

STATION NAME 2100-2300 HOURS (L. S. T.) PAGE 2 Temp (F) 2/ 1 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 D.B. W.B. Dry Gulb Wer Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 0/ -1 9.933.024.616.4 8.8 5.0 1.9 .3 TOTAL 1693 1692 1692 1692

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≤ 32 F

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2673278 2186336

1633783

42-46,49-75

FORM 0.26-5 (OL A) REVISED MEYOUS EDITIONS OF THIS FORM ARE CASOLETE

PSYCHROMETRIC SUMMARY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-61,63,68-69,72-75 MAR

STATION STATION NAME

PAGE 1 0000-035

PAGE 1 0000-0200

Temp.						WET	BULB 7	EMPER	ATURE	DEPR	SSION	(F)						TOTAL		TOTAL	
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PSYCHROMETRIC SUMMARY

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13909 42-46,49-61,63,68-69,72-75 VANCE AFB OKLAHOMA/ENID MAR PAGE 2 0000-0200 HOURS (L. S. T.) TOTAL TOTAL
D.B. W.B. Dry Bulb Wer Bulb Dew Foint WET BULB TEMPERATURE DEPRESSION (F) (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 3. 4/ 3 07 -- 1

-4/ --5 --6/ -7 TOTAL 9.534.922.616.1 8.2 5.1 2.0 . 8 . 3 1598 1598 1598 1598 Element (X) No. Obs. Mean No. of Hours with Temperature 116328 63658 59716 51417 1598 1598 1598 1598 8983192 2893128 72.817.932 ≥67 F < 73 F ≥ 80 F ≥ 93 F Rel. Hum. ± 0 F ± 32 F Total

41,111,061 37,4 9,855 32,21,252

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0-26-5 (OL A) FOEM JUL 64 USAFETAC

Dry Rulo

Wer Bulb

Dew Point

2386644 1855581

USAFETAC

Dew Point

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75 MAR
STATION STATION NAME YEARS MONTH

PAGE 2 0300-0500 HOURS (L. S. T.)

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VANCE AFB OKLAHOMA/ENID

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PSYCHROMETRIC SUMMARY

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42/ 41	•7	1.5					Į	1		l	l							161	162	146	11
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38/ 37	.8	2.5		1.5	• 1	1	l			l					i 1		l	.189	189	223	10
36/ 35	.6	3.0				ļ					<u> </u>						<u></u>	171	171	196	14
34/ 33	• 7	3.4				ł	l	,		l				l	ł į		[173	173	211	15
32/ 31	•7	3.7								<u> </u>		<u> </u>		<u> </u>	<u> i</u>			170	170	209	19
30/ 29	• 5	2.5	2.1	. 5	• 1	ł	l	Į .		l	l	l		į .	((l	148	148	158	.21
28/ 27	•6	2.9	1.2					<u></u>	ļ	<u> </u>	<u> </u>							126	126	153	17
26/ .25	• 4	1.9		• 1	ł		1	ļ		[ļ	1		į.			1	89	89	148	17
24/ 23	.2	1.6			ļ		ļ	ļ	ļ	ļ	 			ļ			ļ	58	58	83	15
22/ .21	• 2	1.5	-4			ļ	1	ļ	ļ	1	[ļ		1	ļļ		į	55	55	76	12
20/ 19					ļ		 	<u> </u>		 		<u> </u> -		!				34	34	62	9
18/ 17	• 0	• 5	• 1				į			ĺ	!	ļ	Ì	ļ	, ,		ļ	17	17	28	9
16/ 15	1	. 5	•0		 		 	 		 	 	<u> </u>		 	<u> </u>		<u> </u>	16	1.5	20	<u>6</u>
14/ 13	- 1	•3	j			ļ	1		I	}		1	Ì	1				11	11	13	6
12/ 11	-1				 		 -		t	 	 			 -			<u> </u>	4	4	9	- 4
10/ 9	,	• 3											1				ļ	9	9	5	3
8/ 7	<u>•</u> g			 -	 		 -	 		 	 	 	 -	 			<u> </u>	6	6	8	2
6/ 5	• 0	• 1	1				l		1			-	1		j		}	4	4	5	•
4/ 3		T 2	L	 -	<u> </u>	ــــــــــــــــــــــــــــــــــــــ	<u> </u>	 	! _	I	<u> </u>		<u> </u>	<u> </u>	لبسيا		L	2	2	3	1
lement (X)		Σχ²		 	Σχ		<u> </u>	· · · ×		No. Ol	DS							h Temperatu			
lel. Hum.								 	-			± 0	F	≤ 32 F	≥ 67	<u> </u>	73 F	≥ 80 F	≥ 93 F		otal
Yet Bulb								 							 					_	

42-46,49475

THIS FORM

(OLA)

0.26.5

PSYCHROMETRIC SUMMARY

13909 VANCE AFB OKLAHOMA/ENID 42=46,49=75

STATION STATION NAME

YEARS

PAGE 2 0600=0800
HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F, TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Point 0 2/ 0/ -1 -2/ -3 -4/ -5 3 TOTAL 8.840.626.314.1 6.3 2.5 2586 2585 2585 2585 Mean No. of Hours with Temperature
≥ 67 F ≈ 73 F ≈ 80 F ≈ 93 F Element (X) No. Obs. 74.815.894 Rel. Hum. 15124634 193416 2585 ≤ 32 F ±0F 4233284 3582795 2586 2585 27.0 25.4 53.7 93 100692 92577 38.910.997 Dry Bulb .0 93 35.810.171 •01 Wet Buib 31.111.664 2585 80305 93 2846307 •5 Dew Point

USAFETAC

PSYCHROMETRIC SUMMARY

13909	V۵	NCE	AFB				D			42-	46,4	9-75									AR
STATION				ST	ATION N	AME								Y	ARS					MON	
						_												PAGE	. 1. 	HOURS IL	-1100 s. T.)
Temp.				,							SSION (TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 15	17 - 18	19 - 20	21 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B. (ry Bulb	Wet Bulb	Dew Point
82/ 81	(ļ	ļ		i		Į	•	1	ţ			• 0	1	[]		1	1	1	l	
80/ 79													<u>•0</u>					2	2		
78/ 77	[ļ	ļ				١.	.0	5		, 1	•q					l	5	5		
76/ 75						• 1		• 0						<u> </u>			<u> </u>	12	12		
74/ 73	l	ļ	ا		• 1		• 4	•]		1 .		• 9			! !		1	20	20		
72/ 71			. a	•9	0			• 0				<u>• q</u>					 	22	23		
70/ 69	ď	!	2	. 2	• 1		•	.1	• •		إوا	•0		ļ	i i		1	41	41 50	2	,
66/ 65	-0		- 1	- 2	<u>*</u>									 			├	50	77	2 8	+
64/ 63	}	.1	. 2	-4	. 4	• 6	.4	.3			0			ĺ			1	77	92	17	4
62/ 61		• 2		-6	5									 			 	86	86	34	$-\frac{\gamma}{11}$
60/ 59	•d	3	. 2	7	. 6									1			}	124	124	45	18
58/ 57	<u>•</u> d	.4	.6	. 4	.7						}						 	125	125	75	24
56/ 55	. 1	.4		.5	1.0		,	.6		1				ļ			{	133	133	90	46
54/ 53		.6	.7	.8	, 9					 				 	-		 -	151	151	112	70
52/ 51	. 2		. 5	1.2	1.4	1.1		*			1						i	159	159	115	71
50/ 49	. 1		1.1	1.1	1.0				<u> </u>		 			 			 	165	165	140	79
48/ 47	. 2	. 9	. 8	1.3	1.0	,								!	})	158	158	180	76
46/ 45	. 2	1.1	. 9	1.6	. 9		. 1	1			1							150	150	203	111
44/ 43	. 4		1.4	1.4	1.1		1]			165	165	222	125
42/ 41	• 3	1.2	1.0	1.5	1.1			1										152	152	212	.116
40/ 39	. 3	1.1	1.8	1.4	- 9	. 1											1	158	158	194	134
38/ 37	. 3	1.0	1.1	1,5	. 4	• 1					[123	123	170	157
36/ 35	4	1.2	1,6	1.0	• 3	ه (<u> </u>			<u> </u>	 				<u> </u>		<u> </u>	128	128	193	.174
34/ 33	. 6			. 8		1		Į.			Į,	l		ļ	Į į			120	120	173	202
32/ 31	. 4		1.4	7			ļ		ļ		L				<u> </u>			106	106	157	182
30/ 29	• 2			. 5			İ				ļ				1		}	88	88	120	188
28/ 27	. 4	• 7		. 3			 -	 	ļ	 	 			ļ	ļ:		<u> </u>	.66	66	109	165
26/ 25	• 1	• 3	• 7	'											1		i	34	34	74	.192
24/ 23			- 4				 	 	 	 -	 			 -	 		.	22	22	53	142
22/ 21	• 1	• 5	. 3				1				1			į	1		1	25	25	35	112
20/ 19	_ • 1	.3	2			 -	├		 	 -	├			<u> </u>	 		 	18	18	31	77 72
16/ 15		• 1	•1								1					ļ	1	0	6	11	
Element (X)		Σχ ²			žχ	٦-	 	σ _z		No. O	L	L		<u> </u>	Mega '	10. 06 4	0000 400	h Temperatu			82
Rel. Hum.												≤ 0 1	F	: 32 F	Meon :		73 F	> 80 F	≥ 93 F		Total
Dry Bulb								 -						- '4 '	 - * * 	<u></u>	- ,,,,	<u> </u>	 		
Wet Bulb						_		 										 	 	_	
Dew Point								 	·									 	 	_	
															ــــــــــــــــــــــــــــــــــــــ				<u></u>		

USAFETAC

PSYCHROMETRIC SUMMARY

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75 MAR
STATION STATION NAME PAGE 2 0900-1100
HOURS (L. S. T.)

14/ 13	1.2 3 .2 .2 .1												25 - 26	27 - 28	29 - 30	231	D.B. W.B. 788 22 1 1 2807	2808	3 2 1	55
12/11 .0 10/9 8/7 6/5 .0 4/3 2/1 0/-1 -8/-9	•1	9.71	18.3	13.6	9.5	6.9	3.8	2 - 5	1.4	6	•1	• 1					1	2808	3 2 1	32 21 23 17 14 8 4
10/ 9 8/ 7 6/ 5 •0 4/ 3 2/ 1 0/ -1	•1	9.71	18.3	13.6	9.5	6.9	3.8	2.5	1.4	.6	•1	• 1					1	2808	3 2 1	14 8 4
8/ 7 6/ 5 • 0 4/ 3 2/ 1 0/ -1 -8/ -9		9.71	18.3	13.6	9.5	6.9	3.8	2.5	1.4	.6	•1	•1					1	2808	1	14 8 4
6/ 5 .0 4/ 3 2/ 1 0/ -1 -8/ -9	8.41	9.71	18.3	13.6	9.9	6.9	3.8	2.5	1.4	.6	.1	•1					2807		1.	14 8 4
4/ 3 2/ 1 0/ -1 -8/ -9	18.41	9.71	18.3	13.6	9.9	6.9	3.8	2 • 5	1.4	.6	•1	•1					2807			14 8 4
2/ 1 0/ -1 -8/ -9	18.41	9.71	18.3	13.6	9.9	6.9	3.8	2.5	1.4	.6	•1	.1					2807			8 4 1
0/ -1	18.41	9.71	8.3	13.6	9.9	6.9	3.8	2.5	1.4	.6	•1	•1					2807			4
-8/ -9	18.41	9.71	18.3	13.6	9.5	6.9	3.8	2.5	1.4	.6	•1	.1					2807			1 2807
	18.41	9.71	18.3	13.6	9.9	6.9	3.8	2.5	1.4	.6	•1	.1					2807			2807
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E(E X 1			ž X		<u> </u>	 _ _	┸	No. O	<u>. </u>	L	<u></u>	ــــــــــــــــــــــــــــــــــــــ	Her:	No at t	l	h Tempera	<u></u>	<u> </u>	L
Rel. Hum. 1	11956	786		1742	44	·62.1	20.0	152		107	± 0	-	≤ 32 F	Mean ≥ 67		2 73 F	h ≀empero	≥ 93	- 1	Total
Dry Buib	6565	176		1311	12	46.7	12.5	32	- 21	08	= 0	- -	12.9		.1	1.3		1 273	` 	93
	~~~			1141	40	40.7	1.0.3	120		107		+	20.6		ĭ		<del> </del>	<del></del>		93
Dew Point	4940					7491														

# PSYCHROMETRIC SUMMARY

VANCE AFB OKLAHOMA/ENIO 42-46,49-75 13909 YEARS PAGE 1

1200-1400 HOURS (L. S. T.)

Temp									ATURE									TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93 88/ 87												.0			.0	.1	•0	1 6	1 6		
86/ 85	<del>                                     </del>			<del></del> i							.1		•0		• 1	•0		7	7		
84/ 83				1		į į			.1	.0	'-	• 0	. 1	• 1	. 2	•		15	15		
82/ 81	<u> </u>	- <del> </del> -			——i		.0		• 1	2	,1		•1	• 0				:26	26		
807 79					)	]	.0	.1	_,2			.1	. 2	.2				.39	39		
78/ 77				į	i	• 2	,2	• 1		. 1	,4	• 2	• 2	•2				46	46		
76/ 75		]			- 1	. 1	2	, 2		4	.0		. 1	. 1			<u> </u>	50	50		
74/ 73				• 0	• q	• 1	,4	.4	.4	.2	4 و	• 2	• 2		i			67	67		
72/ 71			. 1	.0	_ ,2					2		1	- 1					85			 
70/ 69	1	ĺ	• 1	• 1	.3	• 4	.4	.8	.5	.7	,6	<b>62</b>					ļ	114	114	3	
68/ 67	<u> </u>	.0		1		6	. 5	. 5				-0						109	109	12	
66/ 65	ļ	•0		• 1	.5	• 5 • 7	• 9	• 7	.5	. 5	, 2							122	122	27	9
-64/ 63		ļ <u>-</u>	. 2		4	_•7	• 5								<u> </u>			133	133	39	<u>3</u>
62/61	ļ	• 1	• 1	• 4	. 5	6 8	. 8	1.0	.5	,6	.0	<b>\</b>						137	137	67	9
60/ 59			3		, 9							<u> </u>					<del> </del> -	145	145	92	
58/ 57	1	.2	.3			. 8 . 9	. 8	.8	• 4	.1	1	ļ					1	143	143 146	122	37
56/ 55 54/ ·53	-		.4			1.3	1.0				<del> </del>						<del> </del>	146	125	148	41
52/ 51	•	3	7		-5	1 . G	8				ł	<b>\</b>			1		1	119	119	179	76
50/ 49	•		.6		1.2	9	.7				<del> </del>	<del> </del>						143	143	211	-76 63
48/ 47		d . ò				. 8			1								1	132	132	222	102
46/ 45	1	9	.4			. 8		<del></del>	1		1	<del>                                     </del>		<del> </del>			<del>                                     </del>	144		193	141
44/ 43	1	1 .7		.7	7.7	. 8	.2			l	ļ	l						116	116	197	
42/ 41		1 .6			.6	.5	•0		i		1	i —			i			90	90	200	
40/ 39		2 1.0	,8		,7	. 4		!	ļ		i	l						113	113	172	
38/ 37		1 .8	-4	.7	, 4	.,1			Ī — —									'77	77	160	149
-36/ 35	<u> </u> .	1 .7	.4	6				!	<u> </u>			<u> </u>		L				-66	66	_117	
34/ 33		5 1.2	8	• 7	. 2					l					7		1	98	98	123	
-32/ -31	<u> </u>	1 1.1		5					<u> </u>	<u> </u>			<u> </u>					74	74	111	184
30/ 29		1 .5							(	į							1	.44	44	103	
28/ 27	<u> </u>	1 .4	. 2					<del> </del>	<u> </u>	<u> </u>	ļ			<u> </u>	<u>  </u>		<u> </u>	19	19	67	
26/ 25		1 • 1																15	15	43	
24/ .23	<u> </u>	<u>d2</u>	. 2		لـــــإ		<u> </u>	<del> </del>	<u> </u>	L	<u></u>	<u> </u>	<u>L.</u>	L	لـــــا		L	16			127
Element (X)	<del> </del>	Σχ,			Σχ		X	- O.X		No. O	)s.			. 22 5				h Tempera			
Rel. Hum.	<del> </del>			ļ <i>-</i>				<del> </del>				± 0	F :	32 F	≥ 67		73 F	2 80 F	₹ 53 F		Total
Dry Bulb	<del> </del>														<del> </del>			<del> </del>	<del>- </del>		
Dew Point	<del> </del>			ļ		- -		<del> </del> -										<del> </del>	-		
Lew Point	<u>!</u>			L			<u>:</u> -	<del></del>							<u> </u>			<u> </u>		i	

## PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature

8.5

≥73 F ≥80 F ≥93 F

2.4

•0

93 93

93

≥67 F 18.7

± 32 F

6.5

43.4

± C F

•1

Temp.		YEARS	MAR
(F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 ×31 D.8. W.B. Dry Bulb Wer Bulb 22/21	AGE 2	- · ·	
22/ 21			
20/ 19	B. Dry Bull	24 25 - 26 27 - 28 29 - 30 × 31 D.8. W.B. D.	
18/ 17	8 (	8 7	
14/ 13	- (	3	3 3 10
12/ 11 10/ 9 8/ 7 6/ 5 4/ 3 2/ 1 0/ -1 UTAL 1.911.710.111.514.012.411.1 8.7 6.5 5.1 3.1 1.5 1.2 .5 .4 .2 .0 2809		5	
10/ 9 8/ 7 6/ 5 4/ 3 2/ 1 0/ -1 UTAL 1.911.710.111.514.012.411.1 8.7 6.5 5.1 3.1 1.5 1.2 .5 .4 .2 .0 2809	4	4	
6/ 5 4/ 3 2/ 1 0/ -1 UTAL 1.9/11.7/10.1/11.5/14.0/12.4/11.1 8.7 6.5 5.1 3.1 1.5 1.2 .5 .4 .2 .0 2809			2 3
2/ 1 0/-1 DTAL 1.911.710.111.514.012.411.1 8.7 6.5 5.1 3.1 1.5 1.2 .5 .4 .2 .0 2809	_		2
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UTAL 1.911.710.111.514.012.411.1 8.7 6.5 5.1 3.1 1.5 1.2 .5 .4 .2 .0 2809 2809			
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X 51.521.521 53.814.066 44.510.249 33.912.151

No. Obs.

2808 2809 2809

2809

z_x 144561

151051 125056 95126

TAC 1924 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM

Element (X)

Dry Bulk Kei Bulb

Dew Point

FORM 0.20-5 (OLA)

SAFET AC

## **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75

STATION STATION NAME

PAGE 1 1500-1700
HOURS (C. S. T.)

Temp.											SSION									TOTAL		TOTAL		
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 2	22 23	- 24	25 - 2	6 27	- 28	29 - 30	z 31	D.B. W.B. C	ry Bulb	Wet Buib	Dew Pa	int
94/ 93	ļ	İ	ł	ĺ								] _							•0	1	1			
92/ 91	]	]	]					]								2				2	2			]
90/ 89	l	į	- 1	l	l						ĺ		d					.1		5	5			
88/ 87											<u> </u>				Í	1_	.0	1		4	4			_
86/ 85	l	į	- {	l	- {	ļ		i			١.		1	• 0	•		.2	. 3		19	19			ı
84/ 83			l						0		2ء ا	<u> </u>	1	٠,3		1	. 2	<u>1</u> ق. 1 و	.0		29			
82/ 81		1	}	j	İ			• 1	. 3		. 2	•	3	. 1		3		•0	i	36	39			- 1
80/ 79								. 1	<u> 1</u>		2	•	2_	• 2		4			<u> </u>	43	43	l		
78/ 77	1		l	[	1	_ <u>,</u> 2	• 2	• 4	. 4	, 3	.2	•	4	• 2	•	1	. !			63	63			- 1
76/ 75		!			1			. 9	4				3_	• 1		0			<u> </u>	64	64			
74/ 73	• q	- 1	İ	1	• 9	. 1	4	. 3	• 7			١.	5	. 2		0			!	76	76			1
72/ 71		]		<u>• q</u>	. 1	. 3		. 7			1			.1	!				<u> </u>	102	102			_
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Rel. Hum.						_			_			_ =	0 F	1.	≤ 32 +		≥ 67	F	73 F	≥ 80 F	≥ 93	F j	Total	]
Dry Bulb														Ĺ										]
Wet Bulb						!_								oxdot							<u> </u>			
Dew Point														$oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}} $		$oldsymbol{\mathbb{L}}$				<u>i                                     </u>				

#### **PSYCHROMETRIC SUMMARY**

Mean No. of Hours with Temperature

11.6

•0

•0

≥ 67 F = 73 F = 80 F = 93 F

93

93

93

13909 VANCE AFB OKLAHOMA/ENID 42-46,49475 MAR STAT 1500-1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 D.B. W.B. Dry Bulb Wet Bulb Dew Point ≥ 31 26/ 25 24/ 23 22/ 21 • 1 12 12 7 183 21 . 0 119 115 • 1 • 9 11 20/ 19 84 18/ 17 16/ 15 2 87 71 •1 14/ 13 32 12/ 11 30 10/ 27 8/ 20 9 6/ 5 4/ 3 2/ 5 2 0/ -1 -27 -3 2 --4/ --5 -6/ --7 <u>-8/ -9</u> -16/-17 2.110.8 8.7 8.8 9.812.711.310.0 8.9 6.3 4.2 2.9 1.3 1.1 TOTAL 2767 2767 2767 2767 z_x 133447

No. Obs.

2767 2767

2767

2767

10 F

≤ 32 F

10.5

4.15

23.1

(OL A) 0.26.5 FO. 04

**€** USA

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

7811941

9195063

5997530

3548388

48.222.304 55.914.214 45.5 9.935 33.712.130

154585

125856

93232

#### PSYCHROMETRIC SUMMARY

VANCE AFB OKLAHOMA/ENID 42-45,49-75 MAR 1800-2000 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 84/ 83 .0 82/81 78/ 77 76/ 75 74/ 73 72/ 71 31 26 37 37 69 70/ 68/ 67 61 61 66/ 65 107 107 64/ 63 .0 92 92 62/ 61 .6 60/ 59 109 109 54 58/ 57 125 20 1.1.1.2 146 101 29 56/ 55 146 . 4 94 54/ 53 133 70 52/ 51 50/ 49 118 .118 53 160 68 160 1.2 1.2 48/ 47 1.2 140 157 98 46/ 45 97 144 169 144 92 1.8 121 203 121 93 42/ 41 202 93 40/ 39 38/ 37 127 184 79 79 148 143 36/ 35 1.2 80 120 147 80 1.2 182 77 34/ 33 106 <u>77</u> 32/ 31 30/ 29 .1 63 63 114 149 81 152 52 19 143 28/ 27 68 26/ 25 24/ 23 42 132 23 11 101 11 22/ 21 85 20/ 19 18/ 17 11 74 73 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. ± 0 F ≤ 32 F

AC FORM 0.26-5 (OLA) REVISED MENOUS EDITIONS OF THIS FORM ARE EDICO

SAFETAC FORM

3

Wet Bul'

Dew Point

i USAFETAC

# PSYCHROMETRIC SUMMARY.

13909 VANCE AFB OKLAHOMA/ENID 42-45,49-75

STATION STATION NAME

PAGE 2 1800-2000
HOURS (C. S. T.)

Temp.						WEI	BULB	FUPER	ATURE	DEPRE	SSION (	E)							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 1	24 2	26	27 - 21	29 -	30 ≥ 31		Dry Bulk	Wet Bulb	Dew Point
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Rel. Hum.		866	533(	)	1338	368	57.1	20.8	36	23	43	<b>±</b> 0	F	_ ≤ ;	32 F		7 F	≥ 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb		630	0016	2	7178	336	50.3	12.6	35	23	43				7:7		9.4	3.5	5	5		93
Wet Bulb		452	1964	K	1003	398	42.5	9.8	57	23	43				4.7		•0					93
Dew Point		30	5602	2	793	324	33.9	11.8	71	23	43		4	4	2.4				T			93

Dry Bulb Wet Bulb Dew Point

### **PSYCHROMETRIC SUMMARY**

3909 STATION	<u>V</u>	ANCE	AFB		AMOH		D			42-	45,4	9-75								MA	
STATION				51	ATION N	ME.								YE	ARS			PAGE	1 _	2100-	230
Temp										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	24 25 - 26	27 - 28	29 - 3	0 ≥ 31	D.B. W.B. D.	y Bulb Y	er Bulb [	ew Po
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2/ 61		• 2	.3	•5	5		•3	.2		3				ļ			1	44	44	16	
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BE DEPRESSION (F) 6 17 - 18 19 - 20 21 - 22	22 23 - 24 25 - 26 2	27 - 28   29 - 30   2 31	PAGE 2  TOTAL D.B. W.B. Dry Bulb 1	5 1 3 3
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USAFETAC

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Temp.							BULB											TOTAL		TOTAL	
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40/ .39	. 1		1.0				1	<u> </u>				<del> </del> -					<del>                                     </del>	54	54	123	9
38/ 37	• 3		1.0	-4			Ì	Ì	1				1	! !			ì	58	58	91	9
36/ 35		•6	, 9	• 2			1										1	26	26	67	10
34/ 33		.7			<u> </u>												<u> </u>	13	13	34	11
32/ 31		.4	. 2					ĺ									[	10	10	31	
30/ 29		•3				ļ	<u> </u>			ļ		ļ	<u> </u>				<u> </u>	5	5	12	
28/ 27		• 1	}							1							ĺ	5	2	6	6
26/ 25	1					ļ	<del></del>		ļ	ļ			<u> </u>				ļ	5	5	.6	
24/ 23		• 1				1	1		1			1		1			1	1	1		7
22/ 21				<del> </del>	<del> </del>	<del> </del>	-	<del> </del> -	<del> </del>	<del> </del>		├	<del> </del> -	<del>  </del>			<del> </del>	1			2
18/ 17		• 1	1	[	ĺ			1										4	4	. 4	
16/ 15		<del> </del>		<del> </del> -	<del></del>	┼	-			<del> </del>		<del> </del>		╅			├	<del> </del> -			
14/ 13					1		İ	1		1			Ì							1	
TOTAL	5.3	26-3	23.9	17-9	14-9	8.	2 2.4	1.1		.1		<del> </del>	<del> </del>	+	<del>  </del>		<del> </del>	<del> </del>	1607	, ——— <u>—</u>	160
		1.000				1 ••	7 **	•••		'							1	1607		1607	
Element (X)		Σχ²	<del></del>		ZX	<del>-</del> -	X	0,		No. Ob	s.	<u> </u>		_L	Mean No	o. of H	ours wit	h Temperat			
Rel. Hum			7494		1166	582		16.6			05	± 0	F	≤ 32 F	z 67		≥ 73 F	≥ 80 F	≥ 93 F	. 1	otal
Dry Bulb			1664		84		52.7	9.7	153	16				1.3	- a.		1.0		1		9
Wet Buib			4331		77:		48.8	9.2	72	16				3.2			X	T	1		9
Dew Point			5977		699			11.1			07			16.0		3		1			9

13909	VAI	NCE	AFB	OKLA			<u>ی</u>			42-	45 <u>,</u> 4	9-75								<u>A</u>	PR
STATION				ST.	ATION N	ME								Y	EARS			PAG	E 1	0300	-0500
		<u>-</u>																		HOURS (	S. T.)
Temp.							BULB T							<del></del>	1			TOTAL		TOTAL	
76/ 75	_0	1 . 2	3 - 4	5 - 6	7 - 8	9 - 10 • O	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 ≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73	1	ļ		1		• 4	ام	ſ	^					1		}		5	5		
72/ 71			• 4	• 1		.0	0		•0	<del> </del>				├		<del> </del> -	+	17	17		
70/ 69	1	. 1	. 7	. 5		. 1	. 0	}				<u> </u>		1		ľ	1	32	32	1	
68/ 67		• 2		• 5	.3	• 1	•0	•0				ii						51	51	19	1
66/ 65	Í	.6	1.2		. 1	. 2	. 1							ł				69	69	31	17
64/ 63	• 9	.7	1.1	• 9	- 4	.2	.2										T	75	75	45	39
62/ 61	.3	1.6	1.3	• 8	3	2	0	•0										-94	94	70	56
60/ 59	• 3	2.4	. 9	• 6	• 2	.6	• 1											103	103	100	61
58/ 57	<u>•7</u>	2.8	1.2	- 8	•6	.6	• 1	• 1						<u> </u>		<u> </u>	<del> </del>	143	143	109	90
56/ 55	. 8	2.4	. 9	• 7	1.2	• 7	.2								1			1.45	145	126	130
54/ 53	.5	2.3	1.1	1.8	1.0	• 3	• 2		1	ļ				<del> </del>	ļ	<del> </del>		149	149	117	109
50/ 49	•4	2.2			1.0	• 4	.3					1		1	1	ļ		150 128	129	121	91
48/ 47	- 9	2.1		1.5	1.7	- 4	-:1			ļ		<del> </del>		<del></del>	<del> </del> -	<del> </del>	-	164	164	168	100
46/ 45	. 3	1.0	1.9	1.5	. 8	_1	• 1	1	i					1	ĺ		}	118	118	140	83
44/ 43	- 1	2.2		1.3		. 1								<del> </del>		├─		133	133	123	96
42/ 41	.5	1.7			. 1	"		1		Ì					1	Ì	1	112	112	151	128
40/ 39	.3	1.5	2.4	•4	.2									<del>                                     </del>	<del> </del>	<del>                                     </del>		98	98	139	131
38/ 37	.3	1.7	1.6		.1			1						i	}			86	86	149	124
36/ 35	• 2	1.5	1.3	• 1	•0										<del>                                     </del>		<u> </u>	65	65	109	121
34/ 33		• 4	1.0	•3								ļ		<u> </u>		<u></u>	_{	36	36	73	147
32/ 31		.5	• 7	•0														26	26		101
30/ 29		1.0												<del> </del>	ļ	<u> </u>		26	26		93
28/ 27	•9	•3						'				1			İ		1	7	7	36	71
26/ .25		• 2										<b> </b>		<del>!</del>	<del>├</del>	<u> </u>		4	- 4	12	62
24/ 23	ľ	• 1	: 1							1	-				1		İ	3	3 1	4	37 25
20/ 19		•0								<del> </del> -				├				$-\frac{1}{1}$			10
18/ 17	}	• 0								•		]		1	1	1		*		1	15
16/ 15												<del> </del>		┪	<del> </del>	<del> </del>	<del> </del>	<del> </del>			12
14/ 13	İ									ĺ					ļ			]			2
127 11																	1				1
Element (X)		Σχ2	L		z x		X	σ ₅		No. OL	<u>.</u> 7	L	<u></u>	Щ.	Mean	No. of	Hours wi	th Temperat	lure .	L	
Rel. Hum.						$\dashv$						≤ 0	F	≤ 32 F	≥ 67		≥ 73 F	≥ 80 F	a 93 I	F	Total
Dry Bulb						$\neg \mid \neg$			$\neg$	·····			_		1	$\neg$		1	1		
Wet Bulb						_									i.						
Dew Point																					

101M 0.26.5 (OLA)

USAFETAC

### **PSYCHROMETRIC SUMMARY**

1.3909 STATION	<u>v</u>	ANCE	AFB	OKLA	HOMA	/ENI	D			42-	45,4	+9÷7	5			ARS					A	PR
STATION				31	ATION N	AME									16.	AKS			PAG	E 2		0500 L. S. T.)
Temp.										DEPRE									TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14			19 - 20	21 - 2	22 23 -	24 2	5 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	I		Dew Point
TOTAL	6,	230.	728.2	17.8	10.0	4.8	1.9	. 2	• 1			_							2042	2043	2042	2042
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						<del> </del> -		<del> </del>	<del> </del>	<del></del>	<del> </del>	┧		-				<del> </del>	<del> </del>	<del> </del> -	<del> </del>	
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			-			1		}	}	1	}	}	-	- [				1	1	}		1
Element (X)		Σχ²			Σχ		X	0,		No. O	bs.					Mean	No. of t	lours wil	h Tempera	ture		
Rel. Hum			13681		1539	25	75.4	15,8	21		)42	1	0 F	1 3	32 F	≥ 67		≥ 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb		540	00404	H	1030	88	50.5	9.8	164	20	)43				3.0		.7	• 3		4		90 90
Wet Bulb			21956	 H			46.6	9.6	57		)42				5.8		19		<del> </del>	_		90
Dew Point		394	4625		866	27	42.4	11,4	80	20	)42	ـــــــ		┸	8 . 9	L	•0		<u> </u>			90

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 13909 VANCE AFB OKLAHOMA/ENID

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# **PSYCHROMETRIC SUMMARY**

13909		VANCE AFB OKLAHOMA/ENID										45,4	9-75									PR
STATION	N				ST	ATION NA	ME								YE	ARS			PAGE	. ,	MON	™ -0800
																			PAGE	• •	HOURS IL	
Temp.	Ţ						WET	BUL8 T	EMPER	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)		0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16			21 - 22	23 - 2	4 25 - 26	27 - 28	29 - 3	10 ≥ 31	D.B W.B.	Dry Buib	Wet Bulb	Dew Point
	75			_			_				• 0	1	1			İ			1	. 1	İ	
	73			• 1			<u>.1</u>		• 0				ļ						9	- 9		
	71			• 2		• 2	1	,	•0	_	.0	1							21	21	-	
70/ 6	67			.7		•0	• 1	• 1	0,0	.0 .0		ļ	<u> </u>		-			_	78	44 78	16	
	65 I		1.0		•6	•4	• 2	• 1		• 0	1				1 1	, ¦			101	101	52	-4
	63	•0	1.0	4			• 3	•2 •4			<del> </del> -	<del> </del>	<del> </del>		-			-	123	123	76	25 42
	61	. 2			.6	.5	.6	.1	. 2		İ								116	116	104	85
	59	2				ĕ	•5	.2	, 1		<del> </del>	<del> </del>	<del> </del>		<del>- </del> -			+	135	135	110	101
	57	.3		1.5	. 9	. 8	.6	.2	• i			1							156	156	121	109
	55	. 7		1.0	1.0	1.0	. 8	.2		.0	<del>                                     </del>		<del>                                     </del>		<del>                                     </del>			-	180	180	134	110
54/ 5	53	. 4		1.6	1 1		• 5	. 1			ì		]		1	] ]			196	198	146	104
52/ !	51	.5		+	1.2	1.1	• 5	• 1	•1				1		<u> </u>				173	:73	158	122
	49	• 2	1.3	2.2	1.9	1.2	• 4	. 1			1	j	1		į .				182	182	152	111
487.4		. 5	1.6	1.6	2.0	1.3	• 3												186	186	208	121
	45	• 2		1.8		1.0	•0	<u>l</u> j					<u> </u>						142	142	178	151
	43	• 1					• 2				_		<u> </u>		[				163	163	167	119
	41	.0					•0						<u></u>						134	134	193	157
407		• 2						İİ			ł		i			1 1			109	109	170	165
	37	.4				• 1							<del> </del>		ļ				96	96	163	153
36/ 3		•0											1	i	1	!!			.49	49	132	154
34/ 3		• 1									<b> </b>	<u> </u>	<del> </del>		-				38	38	87 36	146 154
32/ 3	29		• 4					¦				}	ļ	ļ	1	i			23 20	23	36	98
28/		• 1									<del> </del>		<del> </del> -						15	$-\frac{20}{15}$	29	72
.26/		• 1	1										1	f I					2	15	20	70
24/			•	<del></del>							<del> </del>	<del> </del>	<del> </del>	}	<del></del>		-	<del></del>	3	3	2	51
	21			4											1			-	ī	ĭ	3	26
	19		• 0	<del></del>	i						<del>                                     </del>		<del>                                     </del>					<del> </del>	1	īl		14
18/	17		]		i •						1			1	1				"		1	17
	15				T						1	i — –	1		<del> </del>							11
	13				l													_[	L [			5
TOTAL	_	4.2	26 - 3	29.2	19.8	12-4	5.4	1.9	•6	•1	• 3			i		<u> </u>		T T		2499		2497
			<u> </u>	<u></u>						<u></u>	<u></u>		<u> </u>					ــــــــــــــــــــــــــــــــــــــ	2497		2497	
Element	<del></del>		Σχ'			Σχ	_ _	X	· ×		No. Ol								Temperat		<del></del>	
Rel. Hum			141(	7295	<b></b>	1835	<del>71</del>	73.5	15.6	18		97	± 0	F	± 32 F	≥ 67		≥ 73 F	≥ 80 F	≥ 93 F		rotal 00
Dry Bulb				3290		1283		51.4				99			2.3		15	4		<del> </del>		90
Wet Bulb				9391 8328		1176		47.1				97	ļ		.4,6		<u>•7</u>					90 90
Dew Poir	n!		400	10260	1	1000	VO.	42.7	1204	17	24	97			18.7		• 1		L			70

HORM 0.26-5 (OL A)

13909 STATION	VA	NCE	AFB		AMOH		D			42-	45,4	9×75			ARS				<u> </u>	A	PR
STATION				31	ATION N	ML								12	AKS			PAGE	1		-1100 L. S. T.)
Ter p						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 · 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B. Dr	, Bulb	Wet Bulb	Dew Point
94/ 93																	•0	1	1		
90/89															•0			1			
88/ 87	-				- !	- 1	İ			.0				į	_	•0		2	2	ļ	í
86/ 85											.0			•0	• 1			6	6		
84/83			ĺ	• a	• d		.0	•0		,0		• 1		.1				6 22	22	ļ	
80/ 79				•4	•4	. 1	.2	1	.3	•1		• 0 • 1	•1					31	31		
78/ 77	1				1		.6	.4	.1	.0	. 1	ī	1	1				52	52	1	
76/ 75				. 1	6	.8			•4	, 2	, 1							88	88		1
74/ 73		}	• d	.6		. 7	6	• 4	.3	3	, i	1	• 1			_		115	115	l	
72/ 71		•0	.1		1.2	.5	.3	.4	.3		. 2							113	113	3	1
70/ 69		. 2	.4					. 5			. 1	٥,						152	152	27	
68/ 67		. 2	• 7	1.1	.6	• 9		. 9	.4	.3	, 1	, 1						162	162	81	
66/ 65		. 4	. 9		. 9	1.0				.2	1	.0		<u> </u>			<u> </u>	180	180	135	30
64/63	اً	•3	• 7			• 9				.2	.1						i i	163	163	157	
62/ 61	• 1	8	<u>• 7</u>		1.1	. 9		• 4						ļ				174	174	127	
60/ 59	. 1	1.2	9		1.2		.9	.7		}	i						i	202	202	141 179	126 128
56/ 55	• 3	7	.8			1.3								<del> </del>	<u> </u>			176	176	189	
54/ 53	. 3	. 8		1.0	1.3	1.0			.0									158	158	234	
52/ 51	- ā	.6			1.2					<del> </del>				<del> </del> -				132	132	207	97
50/ 49	. 1	9	. 7	1.3	1.2	i.d		.0						Ì				148	148	198	
48/ 47	• 3	• 6	• 7	. 8	1.3	•6	•3		i									123	123	200	146
46/ 45	- 1	4			_ , 9	.5	.0							<u> </u>			<u> </u>	99	99	185	169
44/ 43	.2	• 6	. 6		•3	. 3	•0			ì								85	85	158	
.42/ 41	<u>•a</u>	.4			-3	.1											<u> </u>	.47	47	144	
40/ 39	• g	, 4	• 3					ĺ		Ţ					ĺ			33	33	129	
38/ 37	3	<u>.0</u>		. 2				<del> </del> -	<del> </del>	<del> </del> -			<u> </u>	<del> </del>	<u> </u>		<u> </u>	19	19	99	
36/ 35	• 9	• •	.0						1	}				1			ļ	21	21	43 25	137 105
32/ 31			.1					<del> </del>		<del> </del>				<del> </del> -			<del> </del>	2		23	
30/ 29				.0						1				1			İ	i	ĩ	8	
28/ 27		• 1	.0					<u> </u>	i	i —							<del> </del>	3	3	2	
26/ 25	• d		0						<u> </u>					<u> </u>			ļ !	2	2	.4	
Element (X)		ΣX'			Σχ		X	σ _x		No. O	s				Mean 1	to. of H	ours with	h Temperatur			
Rel. Hum												_ 1 0	F L	: 32 F	≥ 67	F	73 F	≥ 80 F	≥ 93 F		Total
Dry Bulb								<u> </u> _					_ _		<u> </u>	_		L!	<u> </u>	ļ	
Wet Bulb								<u> </u>					_ _		ļ	- -		<b> </b>			
Dew Point				L				<u> </u>	!_						<u> </u>			L	l		

VANCE AFB OKLAHOMA/ENID

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#### **PSYCHROMETRIC SUMMARY**

APR

0900-1100 PAGE 2 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 24/ 23 .22/ 21 .20/ .19 46 28 31 18/ 17 17 16/ 15 14/ 13 12/ 11 9 5 8/ 7 5 6/ TOTAL 2.3 9.511.417.617.515.211.4 6.8 3.4 2.4 1.1 2702 2702 . 8 •0 2702 2702 No. Obs. Mean No. of Hours with Temperature Element (X) 161372 59,719,092 10622168 267 F 273 F 280 F 293 F Rel. Hum. 20 ₽ ± 32 F Total 161030 59.610.504 139546 51.6 9.086 119436 44.211.897 9894858 2702 90 .3 25.0 10.8 1.8 Dry Bulb 7429912 2702 1.3 3,8 90 Wrt Bulb 16.2 90 5661724 2702 •0 -6 Dew Point

42-45,49-75

#### PSYCHROMETRIC SUMMARY

VANCE AFB DKLAHOMA/ENID APR 42-45,49-75 YEARS STATION NAME MONTH 1200-1400 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.9. W.B. Dry Bulb Wet Bulb Uew Point 100/ 99 98/ 97 94/ 93 92/ 91 90/ 89 18 18 88/ 87 28 28 86/ 85 • 1 • 1 .0 47 84/ 83 65 82/ 81 88 88 118 80/ 118 78/ 77 , 8 . 1 • 1 140 140 76/ 75 153 153 73 71 .6 74/ 136 136 72/ 170 170 70/ 69 180 87 .8 •5 2 1.0 180 1.0 68/ 67 168 168 135 15 • 6 1.0 • 1 • 0 178 66/ 65 1.0 172 172 56 97 64/ .63 153 153 145 62/ 61 .8 0 169 1.3 162 152 112 60/ 59 149 149 123 188 58/ 57 .8 1.0 .9 . 8 1.1 149 149 142 56/ 55 130 130 213 153 54/ 53 . 1 214 ·q . 8 1.9 98 98 124 52/ 51 94 94 230 92 91 .116 50/ 49 91 204 48/ 47 160 178 58 58 199 135 46/ 45 42 • 2 42 44/ 43 29 136 157 149 .42/ 41 26 26 88 40/ 39 78 10 10 136 38/ 37 • 0 11 37 163 • 9 11 • 3 36/ 35 26 152 34/ .33 112 32/ .31 ΣX² X **₹** No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. 10 F 1 32 F ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F Total Dry Bulb Wet Bulb

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JSAFETAC FORM 0.26-5 (OL

Dew Point

# PSYCHROMETRIC SUMMARY

13909 VANCE AFB OKLAHOMA/ENID 42~45,49-75

STATION STATION NAME

PAGE 2 1200-1400
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#### PSYCHROMETRIC SUMM : QY

13909 VANCE AFB OKLAHOMA/ENID 42-45,49-75 APR 1500-1700 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 × 31 D.B. W.B. Dr, Bulb Wet Bulb Dew Point (F) 100/ 99 96/ 95 44/ 83 9:1 91 90/ 89 • 0 27 27 • 1 83/ 87 30 30 86/ 63 65 65 84/ 33 92 92 82/ 81 • 0 83 83 , 3 • 1 80/ 79 150 150 .6 .7 146 158 146 158 78/ . 0 76/ 75 74/ 73 72/ 71 70/ 69 73 158 158 • 1 . 8 179 179 96 , 5 159 159 •0 68/ 67 187 187 55 160 6./ 65 , 1 172 160 170 64/ 63 159 159 83 62/ 61 143 143 177 93 1.0 1.0 60/ 59 160 120 160 201 123 112 94 123 176 58/ 51 140 56/ 55 54/ [3 234 150 547 • 1 122 • 6 . 3 70 70 219 50/ 49 . 1 47 219 124 48/ 47 189 43 164 38 38 123 143 16/ 45 44/ 43 102 135 24 19 19 161 94 40/ 39 58 166 133 38/ 37 28 19 36/ 35 24/ 33 138 .117 .0 -0 122 Mean No. of Hours with Temperature Element (X) ≥67 F | ± 73 F | ≥ 80 F Total ≤ 0 F ≤ 32 F ≥ 93 F Rel. Hom.

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Dry 2,16 Wat 3016 Dew Point

## **PSYCHROMETRIC SUMMARY**

13909 STATION VANCE AFB OKLAHOMA/ENID APR 42-45,49-75 YEARS

1500-1700 HOURS (L. S. T.) PAGE 2

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101th 0.26-5 (OLA)

USAFETAC

#### **PSYCHROMETRIC SUMMARY**

APR ._ VANCE AFB OKLAHOMA/ENID 42-45,49-75 MONTH 1800-2000 HOURS (L. S. T.) PAGE 1

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USAFETAC FORM 0.26-5 (OL A)

## **PSYCHROMETRIC SUMMARY**

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Dry Bulb			6173		140	539	6	2.5	10.	330			265				寸			. 2	П	31	33		14.5	3	.4		•0	~-	90
Wet Bulb			91320		1190	562	-5	2.5	8.	512	_	2	263					_		.6			.2		• 1						90
Dew Point		48	0424	4	1009	726	7	4.6	II.	576	$\overline{}$	2	263				• 0		14	<u>. 6</u>	1~-		•6	_		T					90

100h 0.26.5 (OLA)

USAFETAC

Wet Bulb Dew Point

13909	VANC	E A	FB (			/ENI	<u></u>			42-	45,4	9-75									PR
STATION				STA	ATION NA	ME								YE.	ARS			PAGE	1	2100.	-2300
Temp						WET	BULBT	EMPER	ATURE	DEPRE								TOTAL		TOTAL	
(F)	0 1.	- 2	3 - 4	5 - 6	7 - 8	9 - 10							23 - 24	25 - 26	27 - 28	29 - 3C	÷ 31	D.B. W.B. Dr	y Bulo		Dew Point
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76/ 75				.2	.3	.3	.2	. 1	.1	·	.1			1				25	25		
74/ 73			• 1	. 3	. 5	.4	. 2	3	. 2									35	35		
72/ 71			. 6	,3	.7	. 5	.6	. 3		• i	.1							37	57	1	
70/ 69		•1	. 4	1.0	. 8	. 8	.6	. 2	.3		.1 .1			11				77	77	10	
68/ 67		.3	. 8	.7	1.1	. 5	.4	• 1	. 3	. 1		• 1			j			.77	77	33	9
66/ 65		.6	1.9	. 9	. 5	.7	.3	. 1	.1	. 1		1		<u> </u>				95	95		22 37
64/ 63	. 2	•7	.7	1.0	.8	1.1	1.0	• 4	. 2									109	109	71	37
62/61		L.d	1.3	. 8	.8	1.1	1.0	. 2						<u>  </u>				116	116		65 82
60/ 59		1.3	1.5	. 8	1.1	1.6	.9	. 5	. 2	. 1								158	158		82
58/ 57	.5 1		1.6	. 9	1.1	1.4	₂ 6	. 2	. 2									145	145	116	81
56/ 55	.5 ]	1.8	1.1	1.4	2.0	1.2	. 8	• 2		<u> </u>		i	-	]	-			1,67	167	114	97
54/ 53	1	<u>. 0</u>	1.4	1.1	1,1	1.4	.4	• 1						<u> </u>				119	119		116
52/ 51		1.3	1.3	. 7	• 9	1.3	.3			Ì								1,08	108	125	96
50/ 49	• 2	.8	. 8	1.8	1.1	• 7	• 2											104	104	169	81
48/ 47	.4 1	1.3	1.0	1.3	1.1	- 1	•2					1			[			99	99	147	
46/ 45	.2	<u>•9</u>	1.1	1.8	.5	.3	<u>• 1</u>							1				91	91	118	106
44/ 43	• 1	• 9	*	1.4	• 6	• 2	Į					l						82	82	135	
42/ 41	2_	9	1.1	•5	5	1								.				.63	63	124	
40/ 39	• 1	• 5	. 7	.6	. 2			- 1		(		Į.		!				38	38		101
38/ 37	.2_	•6	• 2	2			<u>.                                    </u>							<u> </u>				22	22		117
36/ 35	• 3	•2	• 3	• 1	1	ļ						i				i		12	12		117
34/ 33	-1		• 1															8	8	24	88
32/ 31	1	• 4	• 2			İ	ı							' i				11	11	20	
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28/ 27	1	• 1	• 2			- 1												5	5	4	44
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18/ 17		-								<u> </u>	ļ			-				<del>  </del>			10
16/ 15	1	- }	Ì	-										1 1			İ				3
14/ 13	<del></del> -	ــــــــــــــــــــــــــــــــــــــ							<u> </u>	J	<u></u>			1		<del></del>	<u> </u>	<u> </u>			2
Element (X)	Σλ	<u>`</u>			Σχ		X	σx		No. Ob								h Temperatur		<del></del>	
Rel, Hum						_					<del></del> -	± 0 F		≤ 32 F	≥ 67	F   -	73 F	> 80 F	× 93 I	<u></u> '	Total
Dry Bulb													! _					ł !			

13909 STATION	VA	NCE	AFB		AMOH.		D			42-	45,4	9-7	_	<del>y</del> E	ARS					A	PR
		_																PAG	E 2	2100 HOURS (I	<b>-230</b> 0
Temp							BULB 1											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11 10/ 9						<u></u>									ļ 			<u> </u>			1
TOTAL	3.5	16.6	19.6	17.8	15.9	14.0	7.8	2.6	1.4	.4	•2	•1						1836	1836	1836	1836
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Element (X)		Σx'			z _X	$\perp$	X	σ _x	<del>                                     </del>	No. O	bs.		<u> </u>	<u> </u>	Meon	No. of h	lours wit	h Tempera	ture	<u> </u>	<u> </u>
Rel Hum.		87	73054	+	122	66	66.8	17.5	45	18	336	≤ 0	F	: 32 F	≥ 6		≥ 73 F	≥ 80 F	e 93	F	Total
Dr, Bulb			3485		102		56.0	9.7	23		336			- 5		3 . 8	34	•	0		90
W t Bulh			34370		91.		50.0	8.9	43		36			1.8		: 2		<u> </u>	_		90
Den Point		78	1239	1	81(	195	44.2	11.2	:07		336			14.7	1	+4		<u> </u>			90

### PSYCHROMETRIC SUMMARY

VANCE AFB OKLAHOMA/ENID

42,44-46,49-63,65,67-75 YEARS

PAGE 1 0000-0200

																				HOURS !	L. S. T.)
Temp.			<del></del> ,	·		WET	BULB	TEMPER	ATURE	DEPRE	SSION (	F)	·				,	TOTAL		TOTAL	r
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12			17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	≥ 31	D.B W.B.	Dry Bulb	Wet Bulb	Dew Po
82/ 81			i i			ĺ	ļ	.2				l	l	1 1	Į		1	3	3	1	•
80/ 79				• 1		. 1		<b>!</b>				<u> </u>	<u> </u>					9	9		
78/ 77				• 3	• 3	• 6		.1			į i	l	l	ll	1			23	23	_	l
76/ 75	<u>. 1</u>		.3	1.0	1.1	. 5		- 1									L	55	55	1	
74/ 73		. 2	2.1	1.7	• 7	• 2	.5	• 1			Į	ļ	ļ.		1			93	93		
72/ 71		.4	1.3	1.9	5	1	2		.1									73	73		
70/ 69	• 1	• 9		. 8	• 7	• 9	.1	1	• 1	• 1	1	<u> </u>	ł		1			83	83		
68/ 67	1	1.3	2.2			- 4	• 2			<b></b> -		<u> </u>	<b> </b>	<del>  </del>				132	132	106	
66/ 65	. 4			1.7	1.0		. 1							[ ]	j			173	173		
64/ 63	1.5			1.3				<b></b>			<del> </del>	<u> </u>	<del> </del>				<b> </b>	173	173		1
62/ 61	.9			1.0	• !										į			155	155		
60/ 59	1.0							<del> </del>		<del> </del> -	<del> </del>			<del>  </del>				157	$-\frac{157}{131}$		
58/ 57 56/ 55	.6		1.8		!	(							1					131	131		
54/ 53		-						<del> </del>		├	<del> </del>			<del>  </del>			<del> </del> -	106 84	84		1
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46/ 45		.4	. 4		. 1		<del>                                     </del>	<del> </del>	-	<del>                                     </del>		<del> </del>		<del>  </del>	-+			13	13		<del>}                                    </del>
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32/ 31		<u> </u>	<u> </u>	l	<u> </u>		<u> </u>	<u> </u>		<u> </u>	1			<u>il</u>			<u> </u>			2	
30/ 29				l								[								į	
28/ 27			<b></b>		ļ	ļ			<u> </u>	ļ							<u> </u>				
26/ 25							]	] _	<u> </u>		_									ļ	
FOTAL	5.4	27.7	28.5	20.0	10.4	4.	1.8	. 9	• 7	• 2	<b></b>	ļ. <u></u>	ļ				<u> </u>		1641		16
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Element (X)		Σχ²			Σχ		X	σ _χ		א₀. 0ו					Mean N			Temperat			
Rel. Hum.			12066		1294			13,	/2		41	≛ 0	F	≤ 32 F	≥ 67		₹ 73 F	≥ 80 F	≥ 93	F _	Total
Dry Bulb			9014		1018		62 1	7.9	78		41				26	. <b>7</b> .	10.4		6		
Wet Bulb			8800		950		57.9	7.4	30		41			• 1			1		_		
Dew Point		508	39815	H	903	329	55.0	8.4	70	1,6	41		1	۰9	.6	s 4.,	• 1			- 1	

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13909	VA	NCE	AFB	OKLA	AMOH.	/ENI	D			42,	44-	46,4	<del>)-7!</del>		ARS					K	AY
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Temp.						WET	BULB	TEMPER	ATURE	DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 18	19 - ?	0 21 - 2	2 23 -	24 25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Por
80/ 79							}	• 1	}	]	1	7		7				2	2		
78/ 77	!			.0		•1						<u> </u>	<u> </u>		<u> </u>			7	7		
76/ 75	j	_	• 2		• 3	•0				]	j	}	j					17	1.7		i
74/ 73		.1					• 1	•0									<u> </u>	38	38	l	<u> </u>
72/ 71		1.0		1.2			•0			1							1	107	107	12	
70/ 69		1.3									<u> </u>		<u> </u>				<u> </u>	122	122		
68/ 67	. 2	1.1	1.9			•3				<u> </u>	J		)		] ]		1	113	113	94	
66/ 65	- 5	2.8		, 9		-4					1	<del></del> -	ļ				ļ	172	172		8
64/ 63 62/ 61	٦٠٪	4.0						.00		}	1	}	1	1	) 1		i	221	221	168	
62/ 61	2.0	3.3	2.8					•0		<del> </del>	<u> </u>		<del> </del>		ļ <u> </u>		<del> </del>	194	194		19
58/ 57	1.8	3.4	2.0			J2					ļ	1					1	210			21
56/ 55	:5	3.0								<del> </del>	├		<del> </del>					162	162 180		19
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52/ 51	• 4	1.9	1.5								<del> </del>				<del> </del>		<del>- </del>	135	135 95		
50/ 49	. 2	1.7	,							ļ	Ì	1	1		} {		1	94	94		
48/ 47	.1	1.0	1.6							<del> </del>		+	<del> </del>				<del></del> -	- 60	60		13
46/ 45	.a	. 8										1	}				}	.44	44	76	
44/ 43	—~	• 7	5								<del> </del> -		+	-+	<del> </del>		- <del> </del>	26	26		7
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40/ 39	• 1	. 4		•	•0					<del> </del>	<del> </del>	╅──	┼				┼	20	20	22	
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36/ 35		• 2									<del> </del>	<del>- </del> -	┼─		<del></del>		<del> </del>	- 5	5		3
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28/ .27				i — —				~				<del></del>	1				<del> </del>				
24/ .23	- 1				(		(	1		j	1	1	{	j	[ [		[	j j		i [	ļ
22/ 21											j	7	]				1				
TOTAL	8.2	33.8	33.3	14.7	6.2	,2.4	.7	. 5	. 1	0	)	-	1	j			1		2057		205
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													I				<del>                                     </del>				
Element (X)		Σχ²			ž _X		¥	σ _g		No. O	s.	Ī			Mean N	o. of H	lours with	Temperat	ure		
Rel. Hum.			1239		1688			11.9			57	≥ 0	F	± 32 F	≥,67		≥ 73 F	≥ 80 F	2 93 F	7	Total
Dry Bulb			6860		1225			8.0			57			• 1	18		2.9	•	1		9
We' Bulb			0004		1157	78	56.3	7,7		20				:2	-7						9
Dew Point		ATT	7646		11:07	A 2	53 A	.8.6	Z3I	20	147	1		. 9		<u> </u>					9

#### **PSYCHROMETRIC SUMMARY**

3909	VA	NCE	AFB		AMOH.		D			42,44	46,4	9-7!	3	APS				MON	AY
STATION				5.	ATION N	чмс							12,	473		PAGI	E 1	0600	-080
Temp.						WET	BULB T	EMPER	ATURE	DEPRESSI	ON (F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8							2 23 -	24 25 - 26	27 - 28 29	. 30 ≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
82/ 81					. 1		. 1									4	4		
80/ 79	İ	}	i		2	.2				• 0	}	1				14	14	ì	
78/ 77				.3		• 3	.2	• a								29	29		
76/ 75	İ	• q	. 2	. 8				1	.0							67	67	ì	
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70/ 69		- 8		1.7				• 2			<del></del>					176	176	87	
68/ 67	. 2					.6	. 3	. 1	.0				1 1			214	214	141	
66/ 65	:3	2.4		1.7	. 8			<del>,</del> 1		<del>  -</del>	<del></del>	1				211	211	202	<del>- 1</del> 4
64/ 63	.7			1.5				. d								255	255	213	ī
62/ 61	. 9	3.8			<del></del>	.4						<del> </del>	<del></del>			240	240	288	2
60/ 59	1.0	3.2										1		1		219	219	279	2
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54/ 53	- 4	1.7	2.2	1.2	. 4											156	156	191	1
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le sent (X)		Σχ2	<u> </u>		ΣX		X	σ _K		No. Obs.				Mean No.	of Haurs wi	th Temperat	ure		
Rel. Hum.			4801		1969	43	77.6	13.2	06	2331		0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	73 1	F	Total
Dry Bulb			2046		1563			8.1		2539		[	•0			7 .	3		
Wet Bulb			6836		1452			7.6		2538	3		-1	9.6		1 <u> </u>	_	_	
Dew Point		763	0856		1373	9 d	54.1	8.7	33	2531	3	I	• 9	4,7	•	010			9

AC FORM 0.26-5 (OLA) REVISED PRENOUS EDITIONS OF THIS FORM ARE CISCO

FORM 0.26-5 (OL A)

### **PSYCHROMETRIC SUMMARY**

STATION	VA	NCE	AFB		AMOH		D			42,	44-4	6,49	-75	Ϋ́E	ARS					MA	<u> </u>
																		PAGE	1	0900-	
Temp						WET	BULB T	EMPERA	TURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 1	5 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poir
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92/ 91				l			- 1			[	, Q	[	• 0	×		• Q		3	3	ŀ	
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86/ 85						.2	• 4	• 5	,3	•3	, 1	• 0	•0	•0				50	50		
84/ 83					• 1	.3	1.0	.4	.6	.4	. 3	- 1	٥٥	1				90	90		
82/ 81	ļ		_	• 0	• 5	- 8	1.2	1.3	•7	. 3	1	• 2		1 .0	1 1			140	140	İ	
80/ 79			• 0	.3	•7	1.6	1.3	. 9	• 7	.5	. 1	- 1						171	171		
78/ 77	• q		• 9	• 5	1.5	1.4	1.7	1.0	. 6	.3 .5	, 1	• 0						196	196	3	
76/ 75			• 3	.9	1.8	1.5	1.1	. 9	•3	5	. 2				<u> </u>			204	204	23	
74/ 73	_	•0	• 4	1.4	2.1	1.6	1.2	. 8	• 4	• 1 • 2	1 4	• 1		ļ				225	225	61	
72/ 71	• 1	<u>•1</u>	.9	2.2	1.4	1.0	1.4	. 8	.6	.2	1			ļ				233	233	132	2
70/ 69	• 1	• 2	1.5	1.2	1.3	1.0	1.0	.8	.3	. 2	, 1				]			214	214	208	6
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66/ 65	.2	.6		1.4	. 8		• 1	.6	. 2	j		• 0		ŀ				211	211	306	19
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Dry Bulb																					
Wet Bulb									$\prod$												
Dew Point						7-			7										1		

### **PSYCHROMETRIC SUMMARY**

13909 STATION	VA	NCE	AFB	OKLA	MOHA	A/EN	ID			42,	44-4	6,49	-75		ARS					М	NTH
										-								PAG	E 2	HOUPS	-1100
Temp							BULB											TOTAL		TOTAL	
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18/ 17				ļ		<u> </u>	<u> </u>										<u> </u>				3
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Dry Bulb		134	19322	2	189	394	69.7	9.0	41	27	13				60	•0	38.0	13.	8	. 1	93
Wer Bulb			25359		165		60.9	7.4	68	27	117					.7	3.0				93
Dew Point		846	58006	k	149	490	55.0	9.4	59	27	117			1.0	7	.5	• 3	3			93

#### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID

STATION NAME

42,44-46,49-75

YEARS

PAGE 1 1200+1400
HOURS (L. S. T.)

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104M 0.26-5 (OL A) USAFETAC

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

13909 STATION VANCE AFB OKLAHOMA/ENID 42,44-46,49-75 MAY 1500-1700 HOURS (L. S. T.) PAGE 1

Temp,						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
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## **PSYCHROMETRIC SUMMARY**

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Rel. Hum.			8596		1261	04	₹ -50 • 1	17 6	24.2		577	± 0	e	≤ 32 F	Mean N ≥ 67		ours wit	h lempera ≥ 80 F	z 93	E	Total
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FORM 0 25-5 (OL A) REVISED MEVIOUS EDITIONS OF THIS FORM ARE

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USAFETAC

#### **PSYCHROMETRIC SUMMARY**

HOURS (L. S. T.)

13909 VANCE AFB OKLAHOMA/ENID 42,44-46,49-75 MAY

STATION NAME YEARS PAGE 1 1800-2000

WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Buil | Wet Build | Dew Point 100/ 99 .0 96/ 95 .0 94/ 93 ,0 ,1 92/ 91 11 .1 90/ 89 •0 25 25 88/ 87 37 37 .0 • 0 . 7 86/ 85 . , 4 • 1 .1 82 82 . . 2 .6 .7 •0 97 97 84/ 83 •6 1.4 139 82/ 81 •0 1.4 • • 1 139 137 80/ 79 137 1.8 176 73/ 77 176 76/ 73 1.0 1 200 200 24 1.7 1.6 1.6 179 74/ 73 , **,** 0 179 6 72/ 71 184 184 126 39 1.2 1.2 1.4 1.1 1.4 1.1.1.3 .3 70/ 69 .1 195 195 184 59 1.7 • 7 , 3 . 8 184 184 235 105 68/ 67 66/ 65 1.1 1.3 1.1 . . 5 184 184 272 187 125 125 210 1.0 261 64 -63 . 8 .8 627 . 4 .6 • 0 .0 91 91 216 229 61 . 1 76 207 188 60/ 59 .0 76 58/ 57 • 0 70 173 204 70 55 53 43 183 173 56/ .43 54/ 23 123 •0 23 52/ 51 13 103 131 13 141 109 50/ 49 48/ 47 .1 51 8 31 8 .46/ .45 29 76 . 1 .44/ .43 69 76 42/ 41 10 40/ 39 50 38/ 37 35 36/ 35 34/ 32 30 32/ 31 9 No. Obs. Mean No. of Hours with Temperature ≤ 32 F Rel. Hum. ± 0 F ≥ 73 F | ≥ 80 F ≥ 93 F Total Dry Bulb Wet Bulb

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Temp.						WET	BULB	TEMPER	RATURE	DEPRE	SSION	F)						TOTAL		TOTAL	
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DATA PROCESSING BRANCH
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13909 VANCE AFB OKL

#### **PSYCHROMETRIC SUMMARY**

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VANCE AFB OKLAHOMA/ENID 42-44-46,49-75 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL 17 - 18 19 - 20 21 - 22 23 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15 .1 86/ 85 84/ .83 82/ 81 • 1 . 3 • 2 •1 19 19 80/ 79 . 3 1.0 60 • 1 60 .2 1.0 2.6 .5 1.5 1.3 .7 1.9 1.0 .9 1.1 .9 787 77 86 107 . 8 .5 . 1 86 , 1 .8 76/ 75 107 747 73 .3 109 109 18 3 . 2 . 7 . 2 72/ 71 • 6 7 . 1 108 108 65 .5 2.4 1.6 1.8 1.8 2.9 1.7 1.6 70/ 69 . 1 162 162 133 64 1.6 . 1 68/ 67 184 184 105 84 66/ 65 64/ 63 .8 3.0 2.0 .2.0 2.6 .2.5 .2.5 194 .6 194 168 .125 216 216 227 168 62/ 61 2.3 1.3 1.6 1.4 1.7 1.9 1.4 158 158 216 197 60/ 59 140 140 212 157 58/ 57 56/ 55 1.3 1.3 .187 1.4 112 75 149 • 1 112 .6 • 1 1.0 168 162 65 54/ .53 124 135 . 9 1.1 .66 • 6 52/ 51 38 38 107 112 124 50/ 49 18 18 69 48/ 47 57 17 17 46/ 45 23 71 • 2 44/ 43 61 42/ 41 18 • 1 64

C FORM 0.26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS

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ETAC FORM 0.26.5 (01.4) #

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VANCE AFB OKLAHOMA/ENID

#### PSYCHROMETRIC SUMMARY

JUN

YEARS PAGE 1 0300-0500 TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) Temp 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 38/ 87 .0 86/ 85 84/ 83 6 82/ 81 19 58 58 .0 80/ 79 78/ 77 76/ 75 109 109 .1 1.4 5.0 2.5 .3 3.0 4.1 2.7 .6 .1 4.5 1.7 201 201 2.6 74/ 73 224 224 241 243 185 36 72/ 71 349 201 272 ..1 . 6 271 70/ 69 1.0 4.1 3.2 1.5 4.7 3.1 213 213 345 319 68/ 67 323 218 317 218 178 178 253 284 .7 2.8 64/ 63 278 62/ 61 60/ 59 194 118 1.6 118 81 81 128 170 1.2 • 1 52 52 77 110 58/ 57 1.0 34 82 102 .34 56/ -55 .65 ·54/ 53 52/ 51 21 21 33 .6 35 23 39 23 45 23 11 22 50/ .49 16 48/ 47 17 46/ 45 44/ 43 16 1 42/ 41 36/ 35 2084 2087 6.029.930.616.3 8.8 4.6 2.3 TOTAL 2084 2084 z_x 170684 No. Obs. Mean No. of Hours with Temperature Element (X) 81.911.810 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 14269932 2084 10F ≤ 32 F Rel. Hum. 90 68.6 6.419 64.7 5.457 143241 58.2 26.8 2.4 9917289 2087 Dry Bulb 39.6 90 1.7 8786899 2084 134843 Wet Bulb 90 8235183 130419 62.6 5.937 2084 25.7 Dew Point

42-46,49-75

0.26-5 (OL A) IEVISEO MENDUS EDITIONS OF THIS FORM ARE DESCREE

USAFETAC FORM 0-26-5 (OL A)

USAFETAC FORM 0.26-5 (OL A)

#### **PSYCHROMETRIC SUMMARY**

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Wet Bulb			3872		1711	7 6	25 7	.5.4	91		06					. 8	5.8		الا	<del></del>							

#### **PSYCHROMETRIC SUMMARY**

AIR WEATHER SERVICE/MAC

13909 VANCE AFB OKLAHOMA/ENID

STATION NAME

42-46,49-75

JUN

PAGE 1

0900=1100 HOURS (L. S. T.)

Temp.					WET BULB TEMPERATURE DEPRESSION (F) 3 - 6   7 - 8   9 - 10   11 - 12   13 - 14   15 - 16   17 - 18   19 - 20   21 - 22   23 - 24   25 - 26   27 - 28   29 - 30   ≥ 31									TOTAL		TOTAL					
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78/ 77			. 2	1.6				.7		.3	.0				ļ		1	245	245	52	3
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USAFETAC 10th 0.26.5 (OLA) INSTOMENOUS SORIONS OF THIS FORM ARE OBSC

#### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75 JUN
STATION NAME YEARS PAGE 2 0900-1100

Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 · 2 | 3 · 4 | 5 · 6 | 7 · 8 | 9 · 10 | 11 · 12 | 13 · 14 | 15 · 16 | 17 · 18 | 19 · 20 | 21 · 22 | 23 · 24 | 25 · 26 | 27 · 28 | 29 · 30 | × 31 | • 5 | 4 · 9 | 7 · 1 1 0 · 3 1 3 · 8 | 15 · 7 1 5 · 6 | 11 · 7 | 8 · 8 | 5 · 2 | 3 · 9 | 1 · 9 | · 7 | · 5 | · 1 | · 0 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) TUTAL .1 2766 2765 2765 2765 x 60.614.822 No. Obs. ΣX ΣX Mean No. of Hours with Temperature Element (X) 10761583 167561 2765 4 0 F ± 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 90 70.3 17493530 218804 79.1 8.181 2766 83.9 46.2 3.3 Dry Bulb 2765 2765 189825 68.7 5.362 63.4 6.264 23.2 13111473 Wet Bulb 64.0 90 90 11228379 175347 31.7 Dew Point .0

USAFETAC 10th 0.26-5 (OLA) HUSSO PIVOUS SOTIOGS OF PIGS FORM ARE CASOSTER

FOLM 0.26.5 (OL A)

USAFETAC

### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75

STATION STATION NAME

PAGE 1 1200-1400
HOURS (C. S. T.)

(F) 0 1.2 3.4 5.6 7.8 9.10 11.12 13 14 15.16 17.18 19.20 21.22 22.24 25.26 27.28 29.30 .31 D.B. W.B. Dry Bubb New Bubb Dev Point 107/109 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Temp											SSION (							TOTAL		TOTAL		
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Rel. Hum.     10F     132F     ≥67F     ≥73F     ≥80F     ≥93F     Total       Dry Bulb     0     0     0     0     0     0     0       Wet Bulb     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0 <td></td> <td></td> <td>Σχ²</td> <td><u> </u></td> <td></td> <td>Σχ</td> <td><del>'                                     </del></td> <td>X</td> <td>0,</td> <td></td> <td>No. O</td> <td>55.</td> <td>·</td> <td></td> <td><u></u></td> <td>Mean N</td> <td>o. of H</td> <td>ours wit</td> <td>h Temperat</td> <td>ure.</td> <td></td> <td></td>			Σχ²	<u> </u>		Σχ	<del>'                                     </del>	X	0,		No. O	55.	·		<u></u>	Mean N	o. of H	ours wit	h Temperat	ure.			
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Dew Point							_			_ _				$\neg \vdash$		T	<del></del>			1	_		
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THIS FORM ARE

BENSED MENIOUS EDITIONS OF

0.26.5 (OL A)

10th 701 64

#### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75 JUN 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | x 31 | D.B. W.B. Dry Builb Wer Builb Dew Point 40/ 39 36/ 35 TUTAL 2764 1 1.2 3.7 3.7 5.410.212.513.213.311.8 9.9 6.2 3.7 2.4 1.3 2763 2764 2764 No. Obs. Mean No. of Hours with Temperature Element (X) 139638 234417 194283 50,514,550 84,8 8,609 70,3 5,228 63,2 6,544 2763 2764 2764 7641830 ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F Rel. Hum. 20 F ≤ 32 F 87.3 71.9 20085847 81.5 67.5 16.9 90 Dry Bulb 13731779 35.0 90 Wer Bulb 90 11164794 2763 Dew Point 174704 30,4 3.8 •0

#### **PSYCHROMETRIC SUMMARY**

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Mean No. of Hours with Temperature

118

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354

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128 132

103

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13909 VANCE AFB OKLAHOMA/ENIO 42-46,49-75 JUN STATION NAME PAGE 1 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 110/109 108/107 5 5 106/105 •1 104/103 •5 •3 102/101 39 100/ 99 •0 69 1.0 69 98/ 97 •5 .8 2.5 1:1 •3 •2 120 120 96/ 95 203 • 0 203 2.5 2.7 2.4 94/ 93 1.1 • 5 203 203 92/ 91 252 252 • 0 1.9 2.0 90/ 89 304 304 88/ 87 278 275 .1 .6 243 209 ,3 86/ 85 1.6 .2,0 243 84/ 83 2.0 209 . 1 •5 1.0 1.3 82/ 81 1.0 .6 166 166 80/ 79 36 172 172 13 104 78/ • 0 104 180 • 6 76/ 75 336 83 83 74/ 73 •4 56 56 526 39 • 1 473 72/ '71 65 145 65 70/ 69 54 54 400 262 •4 • 3 68/ -67 26 26 230 323 664 65 .3 18 18 174 399

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C FORM 0.26-5 (OLA) RENISTO METINGUS FORTIGHES OF THE

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627 61

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467 45

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Element (X)

Rel. Hum.

Ory Bulb Wet Bulb Dew Point

54/ 53

SAFETAC FORM 0.26.5

USAFETAC

### **PSYCHROMETRIC SUMMARY**

3909 STATION	VA	<u>NGE</u>	AFB	OKLA s	MOHATATION A	MEN!	[0]			42-	46,4	9-75		Y	EARS					<b>J</b>	UN
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42/ 41 40/ 39								<u> </u>		<u> </u>											10
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Dew Point			3838		170		.62.1	3 6.	771	2	113					3 . 0	3.8		. 2		9

# **PSYCHROMETRIC SUMMARY**

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86/ 85	į				. 3	1.0	1.9	2.0	2.1		8		• 1		[	(	į .	230	230	1	
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FORM 0.26-5 (OLA) REVISED MENOUS EDITIONS OF THIS FORM ARE CASCILETE

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#### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB UKLAHUMA/ENID 42-46, 49-75

STATION STATION NAME

PAGE 2 1800-2000
HOURS (C. S. T.)

Temp.						WET	BULB .	TEMPER	ATURE	DEPRE	SSION (	F)		<b>,</b>				TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B. W.B.	Dry b	Wet Bulb	Dew Poir
TOTAL	• 4	3.0	4.5	7.6	10.8	12.2	13.7	12.3	11.6	9.1	6.6	3.9	2.3	1.3	• 5	• 1	• 1	2366	236 i	2366	2360
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Rel. Hum.			4547	,	7 X	11	<u>₹</u>	15.5	157		366	± 0	F	≤ 32 F	Meon ≥ 67		2 73 F	≥ 80 F		F	Total
Dry Bulb		1601	3274		193	82	55,6	7.9	28	23	67		-					58.		.6	9
Wet Bulb		1148	1182	2[	1643	374	69.	§ ·5 • 1	.02		366		$\neg \vdash$			79			7		9
Dew Point		956	9153	k	1496	31	63.2	6.	700		366					١٥٥	3.7		1		9

# PSYCHROMETRIC SUMMARY

VANCE AFB OKLAHOMA/ENID

42-46,49-75

JUN

2100-2300 HOURS (L. S. T.) PAGE 1

Temp.		<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>				WET	BUL8	FEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8						19 - 20		23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb		Dew Po
94/ 93							<del>                                     </del>					•0	• 0				<b> </b>	2	2		
92/ 91		ļ				1					.0		.0					5	5		
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88/ 87		i		] !	.0	0.				.6		1	I	• 0				.44	44		
867 85				•0		• 2			1.0	.3							<del> </del>	81	81		
84/ 83			. 2	_	. 5					.2	, 2	. 1						123	123		
2/ 81			• 2			2.6			.2		.0	• 0						164	164		
10/ 79		.2	• 7										}	)	}		1	238	238	8	
78/ 77		.1	1.4	3.3						.1								219	220	23	
16/ 75		.6	2.1	.3.6					1		l i	- 1					j	.232	232	62	
74/ 73		1.0		2.9		.8	.7			·							<del> </del>	213	213	202	
72/ 71		1.4	2.5				.7				] ]	)	)		) )			174	174		
70/ 69	.4	2.0			.1.2										<del></del>			174	174		2
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6/ 65	• 3		1.4			2	1										<del> </del>	93	93	205	
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lement (X)		Σχ²			ΣX		7	0,		No. O					Mean I	to. of H	ours wit	h Temperat	lur•		
Rel. Hom.		1021	9214		1406		69,5	14.9	04	20	25	≤ 0	F :	32 F	≥ 67	F	73 F	≥ 80 F	z 93	F	Total
Dry Bulb		1153	1312		1522		75.1	,6.8	43		26		$\neg \vdash$		779	9	59.7	25.	4	• 2	
Wet Bulb			0354		1369		67.6	5,2	37	20	25				59	33	13.1				
ew Point			4850		129		63.6	6.3		37	25				35	- 91 -	3.4		-1		

FORM 0.26-5 (OL A) USAFETAC

### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-63,66-75 JUL

STATION NAME YEARS

'PAGE 1 0000-0200

																				HOURS (	L. S. T.)
Temp.											SSION (							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	o.a. ₩.a.	Dry Bulb	Wet Bulb	Dew Pain
92/ 91						ŀ						• 1						1	1		
90/ 89										, 1	. 2	• 2						7	7		
88/ 87					j			. 1	. 2		.2	. 1			,			18			
86/ 85						1	01	. 4	1.0		. 3	1			l		Ĺ	45	45 83		
84/ 83				• 2	. 2	. 7	1.3	1.4	• 5	.3	1 و	• 1					l	83	83		
82/ 81			. 2		1.3	1.9	2.1	1.4	•5 •6	. 2	. 1			1			j	145			
80/ 79		• 1	• 2	.2.0	3.1	3.0	2.3	. 4	.4	. 1							[	210	210	2	1
78/ 77		. 3	1.9	4.7	4.7	1.9	. 6	. 6	•3									269	269	9	3
76/ 75	• 1	1.8	4.4	.4.3	2.1	1,1	1.1	.4										276	276	32	12
74/ 73	• 1	2.7	3.3	2.7	1.9	1.0	. 8	.1		]					1		]	227		197	12 53
72/ 71	• 5	3.5	3.5	1.9	1.3	1.1	• 2											216	216	371	168
70/ 69	. 8	.2.3	3.2			. 3	1	• 2									<u> </u>	158			291
68/ 67	.3	1.6				• 1	• 1											74	74	317	32
66/ 65	• 1	• 9	•7		. 2												ŀ	-41	41	180	266
64/ 63	. 1	.3	.4	.1	. 1	• 1								1				18	18	115	220
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46/ 45		]	]		]				]	]	]			}	1		]		ļ	_	4
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Element (X)			2647		<del>2</del> X 1302	21	₹ 72.3	7 17 1	A2		02	± 0		≤ 32 F	<del>,</del>		73 F	≥ 80 F	z 93		Total
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Dry Bulb					1360 1238	10	1367	5.1	7 3	10	201				89		66.1		4		9: 9: 9:
Wet Bulb			2922				68.7				02					•0	12.4				7:
Dew Point		1/2	30692	7	1176	00	65.3	.2 . 1	.50	_ 16	02		i_		-44	• 0]	3.6	i			93

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#### **PSYCHROMETRIC SUMMARY**

HOURS (L. S. T.

13909 VANCE AFB OKLAHOMA/ENID 42-46,49=75

STATION NAME

PAGE 1 0300-0500

Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 86/ 85 84/ 83 82/ 81 22 22 2.2 2.3 • l 1.2 3.5 3.9 1.8 1.3 .46 46 80/ 79 139 139 .1 1.0 1.0 3.3 3.1 5.5 4.8 2.0 787 77 254 254 76/ 75 2.3 377 377 13 92 3.1 5.1 4.6 73 741 .6 348 348 31 72/ 71 327 327 328 144 3.3 1.7 1.2 5.4 707 69 287 287 580 329 2.6 68/ 67 171 171 444 391 66/ 65 1.6 : 1 94 94 301 355 325 64/ 63 39 39 162 62/ 61 24 24 134 180 60/ 59 17 57 17 145 58/ 57 .0 109 77 24 56/ 55 24 3 3 54/ 53 45 52/ 51 20 507 49 .5 ·48/ ·47 ·46/ ·45 6 3.220.621.921.014.6 9.8 4.9 TOTAL 1.6 1.3 2166 2166 2166 2166 No. Obs. Element (X) Mean No. of Hours with Temperature 76.813.567 72.9 4.705 13176863 166367 2166 Rel. Hum. ± 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F 157832 11548830 51.3 93 Dry Bulb 2166 85.0 6.1 146191 2166 2166 9897935 67.5 3.783 Wet Bulb 93 62.6 -4.5 9120344 64,7 4.840 93 1.4 Dew Point 140160 38.5

#### **PSYCHROMETRIC SUMMARY**

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Temp.						WET	BULB T	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
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94/ 93							·			Ī		•1	• 1	(	<u> </u>	i	1	6	6		
92/ 91	]						]			.0	.0	.0		<u> </u>	<u> </u>		]	3	3		
90/ 89								• 0	. 1		.2	•0					1	12	12		
88/ 87							. 1	3	.4	[]	.2				<u> </u>			31	31		
86/ 85				• 1		• 3	. 8	• 6	.7	. 5		• 1		[			ł	84	84		
84/ 83				. 2	. 2	1.1	1.4	1.0	5						<del> </del>		<u> </u>	119	119		
82/ 81			.0	1.7	3.3	2.4	2.1	.8	• 2	. 1	.0			1	l	ļ	(	196	196		
80/ 79				1.7	3.3	3.3	1.6	• 6	• 2		<u> </u>			<u> </u>	<del> </del>	<b> </b>	ļ	291	291	2	
78/ 77		• 1		3.5	3.1	1.9	1.4	. 5	٠.1	ſ	ļ				1		1	326	326		2
76/ 75	<u>•</u> g			4.7	3.1	1.4	.8	3			<b> </b>			<del>                                     </del>	<del> </del> -		ļ	386	386	54	
74/ 73	• 0	2.2	5.1	3.3		• 9	.3 .2	1		ł							1	370	370	279	54
72/ 71	- 4	3.6	3.4	2.2	7.5	.5	• 4				<del> </del>	ļ		ļ	<del> </del>	ļ	ļ	309	309	535	207
70/ 69	.6	2.5	2.6	1.6	. 9	•0	• 1					1						231	231	676	452
68/ 67				7	• 5	-•0	0			<del> </del> -	<del> </del>	ļ		<del> </del> -	<del> </del> -	<del> </del>	<del> </del> -	131	131	427 290	501
66/ 65	•0	.3	.7		.5					j	•			1		İ		75	75 31	165	457 299
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Element (X)		Σχ²			Σχ		Ţ	σ _χ		No. O	bs.		L	<u></u>	Mean	No. of H	l lours wit	h Temperati	yre.	l	
Rel. Hum.			0636		1917		72.6	14.0	86		43	⊴ 0	F	≤ 32 F	≥ 67	F	73 F	≥ 80 F	≥ 93	F 1	otal
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Wet Bull			8235		1813			3.8			45					-6	12.0				93
Dew Point		1132	0526	¥	1725	82	65.2	4.7	57	26	45				43	• 0	:222		1		93

101 0.26-5 (OLA)

#### **PSYCHROMETRIC SUMMARY**

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																		PAGE	1	HOURS (1	-1100
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96/ 95					•0	•0			.1	• 2	1.0	1,4	. • 6			•0		103	103		
94/ 93		!				• 1	• 1	. 1	5	. 9	1.9	1.0	• 4		. 1			146	146		
92/ 91	Ì	Ì			•0		• 1	• 5		3.1	1,7	. 9	• 2					:225	225		
90/89				•0	• 1	•0		1.8				.3	•1					266	266		
88/ 87 86/ 85				.1	.1	1.8	2.0 3.9	3.3	2.6		,4	.1	• 0	]	(			289 317	289 317	1	1
84/ 83			• 0	1	• 9	3.0			1.1	-4		• 0						268	268	- 4	
82/81		.0		.7			1.4					• •						246	246	9	,3
807 79			• 3	1,6		1.9			·									220	220	22	,3 .5
78/ 77	Ì					1.0		.3	.2				}				) j	176	176	110	12
76/ 75	- (	·4			1.2	• 5		.3										150	150	446	25
74/ 73		, 8		. 8	• 6					<u> </u>			_		!			113	113	744	111
72/ 71	ار	•6		.8	.4	• 3	• 1	•0	Ĭ	1		}		1				91	91	601	314
70/ 69	0			<u> 62</u>					<del> </del>	<u> </u>	<u> </u>	ļ						41	41 21	368	423 550
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62/61		.1	. 2				İ				1							9	- 9	34	
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32/ 51 50/ 49						<b> </b>	1		1	1	1	}	1	}							10
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1.0111												700				<u>, , , , , , , , , , , , , , , , , , </u>		.2813		2813	
1						1	1										<b>!</b>	,			
Element (X)		Σχ2			Σχ		X	· ,		No. O					1 nock	lo. of H	ours with	Temperati	110		
Rel, Hum.			9086		1588	26	56.5	15.9	07		1,3	≤ 0	F	≤ 32 F	≥ 67		73 F	≥ 80 F	≥ 93 1		Total
Dry Bulb			9735		2369		84.2				13		_		91		86.7	59.2		• 7	93
Wet Buib		1448	3602		2015		71.7				13				84		44.2	• ]			93
Dew Point	ļ	1240	2579	ļ	1851	13	65.8	1.2.0	170	. 24	13		!_		47	67	5.2	• :	)	L	93

0.26.5 (OLA)

FORM 0.26-5 (OL A) REVISED MENOUS EDITIONS OF THIS FORM ARE GESOUTTE

USAFETAC

# **PSYCHROMETRIC SUMMARY**

13909	<u>VA</u>	NCE /	AFB		AMOH		D			42-	46,	49-7	5							J	UL TH
STATION				STA	ATION NA	∙ME								YE	ARS			PAGE	1		-1400
Temp.						WET	BULB T	EMPER	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8		11 - 12						2 23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B. D	ry Buib	Wet Bulb	Dew Point
112/111					, — 1							1					• 1	2	2		
110/109						L	<u></u> !			ļ [']		<u> </u>					• 2	6	6		
108/107	1	-	}	. }	, 1	1	, }	.	, 1	, 1	1		-	ا ا	]	إ	•2		7		
106/105					اــــــ	اــــا	<del>  </del>		<b> </b>	j!	<b>⊢</b> -	<del> </del>	<del></del>	1 0		• 1	•6		<u>21</u> 51		
102/101		]	j	.	, l	1 1	1 1	, J	1 1	1	1		q .c		.9	•5	•6	51 87	87 87	1 1	
100/ 99						<del></del>	.0		•1	.0	•	2 .				• 3	•1		181	<del>  </del>	
98/ 97			}	.	• a	1 1	1	•a			i d			1.7				266	266	]	
96/ 95					<del></del>	•0	<del></del>			1.0	2.0								285		
94/ 93					ıl	II	.1	.3	1.0	2.9	3.			• 5	1			311	311		
92/ 91						• 1		1.1	2.8	2.8	1.0	1.1.						279	279		
90/ 89				•0	<b></b>	.2				1.8			1 .4					276	276		اا
88/ 87	į				, ,	-9		1.7	1.5	•4		7	4 • 1		<b>1</b>			187	187		1
86/ 85				- 4	•3				1.0	- 6	<b></b>	<u> </u>	<u>1</u> • c	<del> </del>	<del>  </del>			204	204		
84/ 83		•d	• d	• 4	: 7		1.1	.9 .7	.4	.3	•	3		, ,		į		168	168		43
80/ 79			• 1	2355	1.0							4 •	┼──					99	99		11
78/ 77	1		. 5		1.6	1 .6			] []		1		İ			!		80	80		
76/ 75			.4	.6	.4	.3	.2			<b>─</b> ─	i	1	+	<del>                                     </del>				56	56		34
74/ 73	- 1	•3	.6	•1	.4		.1				<u> </u>							51	51	705	102
72/ 71	_ i	• 1	• 1	. 1	• 1		1 1	<u> </u>	[			Ţ	T					13	13		252
70/ 69		.3	<u>• 0</u>			.0		<b> </b>	!	<u></u>	<u> </u>	<u> </u>	↓	ـــــ	<u> </u>		<b> </b>	13	13		
68/ 67	1	• 1	• 1	• 1	• q	• 0	1	, ,	1	· '	İ	!						12	12		
66/ 65				<del></del>	ıl	<b> </b>			<del> </del> '	<del></del>	<del> </del>	<del></del>		┼	<b> </b>			5	<u>2</u> 5	96	
62/ 61	i	.0	• 1	, 1	ı '	'		, !	1 '	Í '	}	1		i		,		4	4	62	1 2 1
60/ 59		• d	. 1		i!						<del> </del> -	-	†	<del> </del>		<del> </del>		4	4	14	198
58/ 57	1	, ]	, '7	, 1	1 1	1 1		1 1	/ '	'		ļ				•		1 7	*!	2	159
56/ 55	<u> </u>		<del></del> 1		,						<b>1</b>	1		1						. 1	85
54/ .53					<u> </u>	'			'	<u></u>	<u>L</u> .		<u> </u>	<u> </u>							93
52/ 51 50/ 49			, 1			[			'				T						-		45 14
48/ 47			<del>i</del>			<u> </u>			<u> </u>	r	<del>                                     </del>	+	+	├──		<del></del>		<del>  -</del>			8
46/ 45			,!	11	/'	'	!	l'	l'							Í	!				10
Element (X)		Σχ2			Σχ		Χ̈́	σ _x		No. Ob	os.				Mean P	io. of H	ours with	h Temperatui			
Rel. Hum.			/						_ _				F	≤ 32 F	≥ 67	F *	73 F	≥ 80 F	z 93	F 1	Total
Dry Bulb									_			<u> </u>			↓			<del> </del>	<u> </u>	<u> </u>	
Wet Bulb				i								<del> </del>	-		<del> </del>				<b> </b>		
Dew Point				L	~ <del></del>							<u> </u>					·	<u></u>	L		

#### **PSYCHROMETRIC SUMMARY**

Mean No. of Hours with Temperature

91:1

56.0

5.6

92.4 86.7

39.9

≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F

83.7

1.7

.3

40.2

Total

93

93

93

VANCE AFB OKLAHOMA/ENID 42-46,49-75 STATION NAME YEARS PAGE 2 1200-1400 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Bulb Wee Bulb Dew Point 42/ 41 TOTAL 6.3 7.3 9.211.110.710.811.3 8.4 6.1 3.6 2.3 2.1 2814 2814 2814 2814

No. Obs.

2813

2814

2814

2814

≤ 0 F

± 32 F

X 45.915.526 90.1 7.905 72.8 3.818 64.8 5.825

129022

253605

204888 182433

REVISED MEYIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

6595618

23031341

14958956 11922675

#### **PSYCHROMETRIC SUMMARY**

139	009	VA	NCE	AFB		HOMA	/ENI	D			42-	46,4	9-75		YE	RS					JI	UL
5	101101				3.	A110N N/	-ME												PAGE	1 .		-1700
7	erip.						WET	BULB 1	TEMPER	ATURI	DEPRE	SSION (	F)						T		TOTAL	
	(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	2 31	3. Dr	y Bulb	Wet Bulb	Dew Poin
114	/113											<u> </u>						• 1,	2	2		
112	2/111		1															• 0	1	1		
	7/109																	• 1	4	4		
108	3/107		]		]						<u>l                                      </u>	<u></u>						.4	12	12		
	/105				Ī										. 1	. 1	. 2	• 9	33	33	l	
104	1/103	l	l						<u> </u>		<u> </u>	<u> </u>		•0		. 8	. 8	- 8	74	74	l	
	2/101				1					1	l	.0	1.0	- 4	• 9	1.5	1.6	• 3	136	136		
	99								.0	!		1			2.7	1.9	.6	• 3	242	242		
	3/ 97	1	į		. [		•0	. 2	• 1	•			2.3	3.1		1:1	. 3	• 1	286	286	l	
	5/ 95								• 1		وعدالا	13.0	3.4	2.1	1.0	. 6	0	-1	320	320		
	1 93	- 1						•0		<b>.</b> • `		3,2	2.1			• 1	• 1		281	281	}	
	2/ 91					•0		• 1	. 9							2	• 1		278	278		
	7/ 89		ł			. 1	•0			1.		, 9				- 1		!	193	193		
E   88	6/ 67				•0	•2	• 3	1.2				• 7	. 6						203	203	2	
2	5/ 85				• 1	• 2	.8	1.9			9 .		• 2	•0	i i	i		-	186	186		ĭ
S   84	1/ 83			. 1	.2	,6	1.5											i-	155	155	1 2	<u>3</u> 5
2 1	2/ 81	- {	ا ا	• 1	• 3	.8	.8	• 3	• 5	•			•0	1					100	100	15 53	.9
ğ   <u>8</u> (	79		• <u>q</u>	ا ه	<u>•5</u>			٠٥	1 - 0 =	•	ې و		<del> </del>	<del> </del>					85	52	245	19
	3/ 77		• 1	.2	•5 •7	.4	•4	• 1		•	1 .0	1	l						52 57	57	565	30
	5/ 75		•4			9.2	• 3	• 1	. 1		<u> </u>		<del> </del> -	<del> </del>					25	25	745	82
§   //	4/ 73		• 4	• 1	.1				J	Ì	1	}	1	1	1 1			!	26	26	506	178
	2/ 71		• 4	• 4	• 4	• i	-2		<del> </del> -	├	<del> </del>	<del> </del>	<del> </del>	<del> </del>					6	6	262	329
ğ	0/ 69 8/ 67		٠d	•0	. 1		• 4		1	1	1	1	1	1	\ \				٥	٩	172	363
ž :01	5/ 65		. 1				<del></del>		<del> </del>	├──	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>	~			2	2	98	
	4/ .63	. 0		. 1					İ									[	7	7	59	
=   · · · · ·	2/ 61	• 4	•0			<u> </u>	<del>                                     </del>		<del> </del>	<del>                                     </del>	$\vdash$	<del> </del>	<del> </del>	<del> </del>						1	25	293
	0/ 59		ĭ	. 1			1		1	Ì	1	1	1	1				•	1	5	6	228
	8/ 57		-				$\vdash$	i		t	1	1	1	<del>                                     </del>				-			4	162
¥   5	6/ 55						}		1			1		1					)		i	125
	4/ 53						<del> </del>		1	T	1	1	1	1	1							102
o 5	2/ 51		j				1													1		59
1	0/ 49			i	i			i —		1												29
	8/ 47				_	L.		<u></u>	1			<u> </u>		<u>L</u>								16
i er.	ment (X)		Σχ2			Σχ		Ī	σ,		No. O	bs.				Mean ?	lo. of H	ours with	Temperatur	•		
Rel Dry We De	. Hum.												<b>±</b> 0	F	s 32 F	≥ 67	F z	73 F	≥ 80 F	≥ 93 F		Total
Dry	Bulb																					
₹ We	Buib				<u> </u>					T				$\bot$								
3 00	w Point																					

USAFETAC

VANCE AFB GKLAHOMA/ENID

# **PSYCHROMETRIC SUMMARY**

JUL

STATION.				51	ATION N	AME			—	74	107	7 1		Y	ARS					мс	NTh
				•										•				PAG	E 2		
Temp.								TEMPER										TOTAL	i	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 74	25 - 26	27 - 28	29 - 30	≥ 31	р.в. ₩.в.	Dry Bulb	Yet Bulb	Dew Por
46/ 45 44/ 43																					1
12/ 41						<u> </u>															
46/ 39 DTAL	•0	1.2	1.3	2.6	3.7	5.1	6.1	7.2	8.9	8.8	11.8	11.5	10.0	8.4	6.3	.3.7	.3.1	2772	2772	2772	277
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, <u> </u>														-	-				ļ		
					 		-							<u> </u>					<u> </u>		<del> </del>
		 									-								-		
lement (X)		Σχ'	<u></u>	1	z x	<del>`</del>	<del>'</del>	٠,	<del>' </del>	No. 01	hs.	<u> </u>	J	<u></u>	Mean	No. of H	ours wit	h Tempera	ture	1	<del></del>
lei. Hum.		576	9410	<del>                                     </del>	1188	508	.42.9	15.5	79		69	± 0	F	± 32 F	<del>,</del>		73 F			F	Total
Dry Bulb		2334	5529	X	2534	65	91.4	7.8	18	27	72								7 46		9
ret Bulb	l	1468	787	N N	2013	507	72.	3.7	79	27	72		_			-5	35.0	1.			9
Dew Point	<u> </u>	1143	3900	<u> </u>	1772	212	63.5	6.1	52	27	172					.2	5.0				9

42-46,49-75

USAFETAC

#### **PSYCHROMETRIC SUMMARY**

13909	V	NCE	AFB		AMOH		D			42-	46,4	9-75			EARS					Ji MON	JL
3141104				31	ATION N	-ME								1	LARS			PAG	E 1	1800	-2000
Temp.		<del></del>	_			WET	BULB	TEMPER	RATURE	DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb		Dew Poin
10/109																	•0	1	1		
Q6/105 04/103															1	•0		5	5		
102/101								-	<del> </del>	-	<del> </del>	•0	•0	• 2	.2	.4		-30	30		
100/ 99												. 2	-4	1	. 7	4			( '		
98/ 97 96/ 95						.0	,(		.0	.4		1.9		1.	.7	• 4					
94/ 93						• 1			, 5	1.2	2.6		1.2			.0		204	204		
92/ 91		ļ	<u></u>		•0				1.5	3.0				. 2	. 0	.0		238	238		
90/ 89 88/ 87			 <u>•C</u>	•0	.1	.2			2.5	2.4	1,9	1.0	• 2		•0	•0		262		. [	
86/ 85 84/ 83			-1	•2		1.2	2.6	.2 . 2	1.3	1.	, 8	.3		1				°244 200	244	2 6	1
82/ 81		.0	,	.6	1.2	1.9	1,											170		6	
80/ 79		.1	.3	1.2	1.2	1.1		ń .6	4	4 43				<u> </u>				143	143	27	7
78/ 77 76/ 75		2	.7		1.1				. 2									114		116 340	18 30
74/ 73	• :	2 .4	8			.1		1										61 50	61	597	80 201
70/ 69	• (	d • 5	. 2	.2	. 1	•0	<del></del>		<u> </u>									24	24	-360	.290
68/ 67		•0	• 2		.2		<del> </del>	<del> </del>	<del> </del>	<del> </del>	┼	<del> </del>		<del> </del>	<u> </u>			12			330
64/ 63		.0	.1			<u> </u>			<u> </u>									3	3	66	271
62/61		.0							1								<b>i</b>	1 2	1 2	32 18	232 196
58/ 57								1			<u> </u>									5	130
56/ 55 54/ 53		-		<del> </del>		<u> </u>		-	┼		1	-		-	<del> </del>						124
52/ 51		ļ			<u> </u>					ļ	<u> </u>	<u> </u>		<u> </u>							35
50/ 49 48/ 47																			]		30 16
46/ 45		+				<del> </del>		<del>                                     </del>	<del>                                     </del>	<del> </del>	†	├─-		<del> </del> -	<del>                                     </del>						10
44/ 43		<u> </u>			<u></u>	<u> </u>	<u>L</u>	ــــــــــــــــــــــــــــــــــــــ	<u>L</u>	<u>L</u>	<u></u>		L	<u> </u>		L	<u></u>	L			
Element (X)		Σχ,		<b> </b>	Σχ		X	ļ °,	<u>-</u>	No. 0	bs.			- 20 5	~			Тепірега	<del></del>	<del></del>	
Rel. Hom. Dry Bulb				<del> </del>				╁						≤ 32 F	≥ 67		73 F	≥ 80 F	≥ 93 F	<del></del>	Total
Wet Bulb								<del> </del>					<del></del>		<del> </del> -			<del> </del>			

# **PSYCHROMETRIC SUMMARY**

STATION	<u>VA</u>	NCE	AFB	OKLA	AMOH.	/ENI	<u>D</u>			42-	46,4	9-75		YE	ARS						IUL INTH
				_														PAG	E 2	1800 HOURS (	=200
Temp										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 20	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
42/ 41 OTAL	. 4	2.2	3.7	5.6	6.0	8.2	9.1	10.2	10.7	11.1	9.6	8.8	5.7	4.3	.2.2	1.4	. 8		2418		241
																		2418		2418	
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			_	<del> </del>																	-
									<del> </del>	\											
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Element (X)		Σχ'			z _X		x	₹ x		No. Ob					Mean N	lo. of Ho	urs with	Temparat	ura		٠
Rel. Hum.		678	7568		1212	66	30.2	17.0	90	24		± 0 1		32 F	≥ 67	F	73 F	- 80 F	₹ 93 1	F	Total
Dry Bulb		1835			2099	08	86.8	7.5	45	24					92		89,1		1 22	• 2	9
Wet Bulb		1243			1731		71.6			24					83		42.1				9
Dew Point		1010	6056	1	1556	34	64-4	.0.0	58	24	18				37		5.4			<del>-i</del>	9

### **PSYCHROMETRIC SUMMARY**

13909	_ <u>v A</u>	INCE	AFB	DKLA	HOMA	/ENI	<u>D</u>			42-	46,4	9 <b>-</b> 75		YE	RS					J MON	UL.
																		PAGI	E 1	2100	-23
Temp.											SSION (							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew
98/ 97										[				• 0	ٳ			1	1 2		
94/ 93				<del> </del>						0	- 1	, 1	• 0		<u>• q</u>			14	14		
92/ 91				<u> </u>				.0	. 1	,0	, 3	. 4	• 1	i •d				31	31		
90/-89		_				• 0		. 2	• 7	1.2	• 7	• 5						74	74		
88/87	<u> </u>	<u> </u>	ļ,	<del></del>	- 1	• 1	.8	1.3	1.2	1.2	- 6	. 2	• 1					117	117		
86/85				1	1 . 1	2.6	1.9 3.6	2.3	2.0		,3	•0						180 258	180 258		
82/ 81		<del> </del>		.7	2.6				.6			•0		<del>                                     </del>				247	247	<u>1</u>	
80/ 79					2.6	3.0		7						1 1			'	261	261	11	
78/ 77		.5	1.	2.7	2.5	1.3	1.2	.6	.4	, ,								224	224	27	
76/ 75		1.0				1.6		.5									ļ	238	238	144	
74/ 73		1.4	1.	1.8		• 6	• 6		• 1	• (								170	170	363	
72/ 71						• 1	• 1	- 1	• (		<u></u>			<del> </del>			<del> </del>	115 77	115 77	503 407	
68/ 67						• 4	• •	• 1	1	1		'	ì	1 1				32	32	253	
66/ 65	•(			.1	• 3		•0			<del> </del>								23	23	180	
64/ 63	<u> </u>	.1		Ó						<u> </u>							<u> </u>	3	3	94	
62/61				0.	•0								1					4	4	52	
60/ 59	<u> </u>	• 1	• (	<del></del>					<u> </u> _	<u> </u>				<u> </u>			ļ	4	4	19	
58/ 57 56/ 55		}					,		<b>\</b>	}	}						İ			15	
54/ 53	<del> </del>	<del> </del>	<del> </del>	j	<del> </del>		<del></del>			<del> </del>	<del> </del> -						<del> </del>				
52/ 51		1	ļ	!						1				j							
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48/ 47	<u> </u>	<u> </u>	↓	<u> </u>					<u> </u>	<u> </u>				<u> </u>			ļ				
46 45						İ	1													'	
46/ 43	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	-	<del> </del>	<del> </del>	<del> </del>	<del> </del> -	<del> </del>			<u> </u>	+	<del>                                     </del>			
TOTAL		6.6	111.3	13.2	13.2	14.4	13.3	10.2	7.1	4.4	2.2	1.3	.,	. 5	. 1				2076		21
		1	7.7.	,					<u> </u>								<del> </del>	2076		2075	
	<del> </del>	<del> </del> -		<del> </del>	<del> </del>	<del> </del>		<del>                                     </del>													-
Flement (X)	<del> </del>	Z _X ,	<u> </u>	<del> </del>	Σχ	<del>!                                    </del>	Į X	σ ₈	<u> </u>	No. O	)s.	L	L	<u> </u>	Mean I	No. of H	lours wit	h Temperat	ure	L	
Rel. Hum.		91	1053	5	1333		64.2	16.2	30		76	⊴ 0	F	≤ 32 F	≥ 67		≥ 73 F	≥ 80 F	≥ 93		Total
Dry Bulb	<b> </b>		7895		1649			5.9			76				91		81.4			. 8	
Wet Bulb	<del> </del>		813		1452			3.8		2	76					•6	24.5		2		
Dew Point	ـــ ــــــــــــــــــــــــــــــــــ	893	35973	<u> </u>	1356	78	05,4	5.6	37	2(	76				45	•3	5,4	<u> </u>			

0.26-5 (OL A)

USAFETAC

# PSYCHROMETRIC SUMMARY

139) ST.	) 9 (TION		<u>V</u> ,	ANCE	AFB	OKLA	HOMA	/ENI	D			42	-46;	49-6	3,65	,72-	75 YEARS						AUG
																				PAG	E 1	0000	0.020 (L. s. t.)
	mp. F)	-		T	1			WET	BULB '	TEMPER	ATUR	EDEPR	ESSION	(F)						TOTAL		TOTAL	
92		-	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 1	19 - 2	0 21 - 2	2 23 - 3	24 25 -	26 27 - 28	29 - 3	J ≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Pour
90					ì							!	•			7			1	3		3	<del> </del>
88				<b>├</b>	<del> </del>	<b> </b>	i					والأ	4 .	1 .	Ţ	i	ì	i	i	6		اٰد	ľ
86					1		1		_	• 1				ι,	1				1	21	21		<del>                                     </del>
84/				<u> </u>				<u>•1</u>	.4		1.6		7 .	ر (2	1 .	1	İ		1	-69	69		
					1	• 1	• 1	. 8	. 8	1.7	1.		7	3	1	7		<del> </del>		110	110		<del> </del>
82/				<u> </u>	<u> </u>	•6		1.8	2.1	1.1		4	4	-	1		1			133	133		
80/				• 3		1.9	2.7	2.2	1.1	.5	.3			1		1		<del>                                     </del>	<del></del>	169			<del> </del>
78/					1.8		2.6	1.7	. 5	3	.4		l	1	İ	ı	İ	1		211	211		
76/			• 1			.4.4		1.5	,4	. 5	• 2		1		1	1		<del> </del>	<del> </del>	267	267	39	
74/			• 2	2.	3.5	.2.5		1.3	. 2	.3		<b>_</b> •:	U		1		}	l	1	231	231		
72/	7		• 2		3.5	1.6		1.1	.3	. 1	• 1		1		1-		<del> </del> -	-		202	202		151
70/			.8			1.2		8		. 1		1	1	İ	1		1		}	153	153		
68/			• 6	1.5	1.1	1.3	. 8	.8 .3	• 1	. 1		<del>                                     </del>	1	<del> </del>	†		<del> </del>		╁──	104	104		
	-6!		.4	.6	•6 •2 •2	•6	• 1	• 2		Į		İ	1	i		ì		]		43	43		
64/			•3		• 2	• 2	• 2	• 1				i	1	1	┪—		_		+	23	23		
	·6:		- 1	. 2	. 2	• 2	. 2	1	ı				Į.	İ					ì	15	15		
60/				• 2	• 2	• 2						<del>-</del> -	<del></del>	<del>                                     </del>	<del> </del>		-	<del> </del> -	<del></del> -	10	10		
58/				. 2	.1	• 2	i	i	j	Ì			i	l					İ	8			136
567	5:			• 1								<del> </del>	<del> </del>	·	┼	┪			<del> </del>	2	8		95
54/							'	İ	1	- }				ļ		1				4	2	1 7.1	49
52/	5]											<del> </del>	<del> </del>	<del> </del>	<del> </del> -			<u> </u>	<del> </del>	<del> </del>		7	52 28
50/						•		ì				ŀ	ĺ				1			i i		4	28
487	4												<del> </del> -	┧	<del> </del>	┪	+		<del> </del>	<del>  </del>			21
46/			į					i					ĺ			1			i	1	ì	i 1	8
44/		3												<del> </del>	┼─	┪	-		<del> </del> -	<b> </b>			3
DT.A	L		2.6	12.1	19.2	19.3	14.3	11.9	6.0	5.6	5.3	4 'و ا	. E	. 3		, [			ĺ			i I	2
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		7					<del></del>					<del> </del>	<del> </del> -	├	<del> </del>		<del> </del>		<del> </del>				
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		7						—-						<del> </del>	<del> </del>	<del> </del>	-		<b> </b>				
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lemer	ı (X)	,		Σχ'			; x	$\neg$	<del>v</del>	<u></u> _	<del></del>	No. Ol	<u></u>	<u> </u>	Ц	ــــــــــــــــــــــــــــــــــــــ	إسبيا		<u> </u>				
el. H		1-			7750		270			15.70	70		80							Temperatu			
ry Bu	1b	┪		1015			3402		75.3	5,78	12		80	≚ 0	-	≤ 32 F	≥ 67		73 F	≥ 80 F	≥ 93 F		otal
et Bu		_			0931		214		8.3	4.16	18 -		80				87		63.7	22.8			93
ew P		- -			6327		130		4.7	5.5							66	e 4	11,2				93
<u> </u>		ㅡ			~ 1		(		- 701	100	9	۱,	80		L_		4:1	29	2,9		1		93

### PSYCHROMETRIC SUMMARY

3909 STATION	VA	NCE	AFB		HOMA ATION N	/ENI	D		<i></i>	42-	46,4	9-75		Y	ARS					A MOM	UG
																		PAG	E 1	0300 HOURS (1	-050 ś. ⊤.)
Temp.						WET	BULB	FEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
90/ 89										.0					]			1	1		
86/ 85						•0			• 1	.0	0		ļ	ļ	<u> </u>	<u> </u>	1	5	5		
84/ 83					_	, 1	• 1	.6	,4	• 1						İ		28	28	ĺ	
82/ 81				ļ		3	1.6		.4				<del> </del>	<del> </del>	<del> </del> -			83	83		
80/ 79 78/ 77		,	, ,	1.5		2.0	2.0		• 5	•1						}	1 .	156 198	156 198		
76/ 75		1.1				1.5								├	<del> </del> -		<del> </del>	291	291	7	
74/ 73	. 1	3.5			1.3	1.0		. 5	.1						ļ		ŀ	355	355	81	2
72/ 71	• 2				2.6								<del> </del>	<del>                                     </del>		<del> </del>	<del> </del> -	.318	318	299	12
70/ 69	.3					.6	.2								ļ	1	İ	271	271	491	27
68/ 67	. 9	2.8	2.2	1.7	1.4	.3												206	206	471	39
66/ 65		1.8	1.0	1.7	.4	.4	,						<u> </u>		<u> </u>			128	123	277	31
64/ 63	. 2	1.3	1.0		• 2													80		195	
62/ 61	1	.4	•6	<u> </u>						ļ					<u> </u>		<u> </u>	33	33	146	
60/ 59	• 0	. 4	•3	. 1	Į.		ļ						1					.22	22	134	
58/ 57		• 3	- 2				<u> </u>	<b> </b>		<del> </del>			<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	15	15		13
56/ 55 54/ 53		• 2		1	1	1		}	}	1	}		1	1			}	11	11	31	10
52/ 51		•0				<del> </del>				<del> </del>			├	<del> </del>	<del> </del> -		┧───	<del>-</del>		16	6
50/ 49		• •		1	1		}		}	ĺ	•		İ	Ì	ł	1	;	٠ ١	•		
48/ 47						<del>                                     </del>	<del></del>			<del>                                     </del>			$\vdash$	1	<del> </del>	<del> </del>	<del> </del>				i
46/ 45					Ì			Ì	<b>\</b>		1		1		1		1				-
44/ 43			l	1										i T							
DTAL	2.6	21.2	22.4	18.	13.	9.6	6.5	3.9	1.5	.4			<u> </u>	<u> </u>				<u> </u>	2203		220
			[							_								2203	Ì	2203	
		ļ		<u> </u>		<u> </u>	ļ	ļ	<u> </u>	<del>  -</del>	ļ		ļ	↓	<u> </u>	<u> </u>		ļ	<u> -</u>	Í	ļ
ļ			İ		ĺ			ļ		ļ	ļ	l		ļ		ļ	Į.	ļ			
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‡ 		<b>[</b>	i 	}	}	}		1	}				}	1		1	}	1	}		
		i		<del> </del>	<del> </del>	1		<del> </del>		<del>                                     </del>	<del>                                     </del>		<del> </del>	<del> </del> -	1	<del> </del>	+	<del> </del>			
1		1			]			Ì											ļ		
		<u> </u>						<u> </u>	-			<u> </u>	1	1	1			1	<u> </u>	I	
					L				<u> </u>	<u> </u>	1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u></u>	<u></u>	<u>L</u>
Element (X)		ΣX²		<u> </u>	Σχ		X	σ _x		No. 01								h Tempera			<del></del>
Rel. Hum.			34975		166	793	75.7	14.3	98		03	± 0	F	≤ 32 F	≥ 67		≥ 73 F	≥ 30 F	2 93	F	Total
Dry Bulb			1205		159			5.2			03					2.7	47.2		식		
Wet Buib Dew Point			9081		146		63.	5.4			03					2	2.7		_		9

USAFETAC FORM 0.26-5 (OLA)

USAFETAC FORM 0.26-5 (OLA)

#### **PSYCHROMETRIC SUMMARY**

Tem											DEPRE								TOTAL		TOTAL	
(F		0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20			25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/										•0	, 1	,1	.0	•0					7	7		
88/									. 2	,4	. 2	.1							25	25		
86/	85						• 1	• 4	• 4	. 5	.3		• 0						48	48		
84/	83					• 2	. 5	1:1	• 4	. 5	.1	.0			]			1	91	91		Ĺ
82/	81				. 2	• 7	1.3	1.4	1.1	• 2	. 1	,0							135	135		
80/	79			• 1	1.1	2.2	2.6	1.6	• 7	.1	.1	.0						]	233			
78/	77		• 1		2.2	2.7	1.6	1.5	• 3	•1									260			
76/	75	0	• 5			3.2	2.0	. 7	• 2	• 1		<u> </u>			İ				374		31	29
74/	73	• 1	1.9		2.5	3.2	1.3	•5 •3	• 2	•0								i	350	350	163	29
72/	71	. 5		3.9	2.8	1.6	. 9	.3	•1		<u> </u>							<u> </u>	371	371	452	164
707	69	• 4		2.7	1.5	1.1	. 8	. 3	•0		l					l			300	300		355
68/	67	. 5					• 3	• 3			ļ	<u> </u>			<u> </u>				230			
667	65	• 3				• 6	• 2												152	152		427
64/		.1		.7	.8		.1				<u> </u>	<u> </u>			<u> </u>			<u> </u>	78			
62/		• 1		• 5	•1		i		1			ļ	1		1			1	36			278
60/			• 3			.0	<u> </u>				<u> </u>							<u> </u>	29			225
58/			•3			•0	1		1	1	1	ļ			1	1 1		{	12			155
36/			• 1	I					ļ		<u> </u>	<u> </u>							6	6		
54/	53		•1		1	į .	l		(	ļ	1	ļ	[	ļ	ļ			ł	4	4	17	75
52/	51		.1		ļ	<u> </u>		ļ			<u> </u>			<u> </u>	<u> </u>			<u> </u>	2	2	10	35 31
50/	49		1				}		ĺ		1	J		}	ļ			i	1		2	31
.48/	47		<u> </u>	ļ	<b> </b>	<u> </u>	ļ		ļ	<u> </u>	<del> </del> -	<b> </b>	ļ		<b> </b> -			ļ	ļ			18
46/	45		ı						1		ŀ	ļ		ļ	ļ			İ	i			8
.44/	43		 	00.0	3 0 3		1		l-,,	<u> </u>	<u> </u>							<b></b> -		0 7 / 3	<u> </u>	07/3
TOTA	L	2.3	10.1	20.2	18,3	16.1	11.8	8.0	4.1	1.9	.8	.3	9.2	•0					2743	2743	2743	2743
					<u></u>					ļ												<u> </u>
					<u> </u>																<u> </u>	
Eleme	nt (X)		Σχ²	<del></del> -		Σχ		X	σχ		No. O		•			Mean I	lo. of H	lours wil	h Tempera	ture		
Rel. H			1545	2066	1	2020	64	73.7	14.3	79	27	43	± 0	F	≤ 32 F	≥ 67	F .	73 F	≥ 80 F	≥ 93	F	Total
Dry B	ılb		1486	5483	4	2012	83	73.4	5.8	84	27	43				82	:2	51.6	14.	1		93
Wer B	ulb .			3249		1842	01	67.2			27	43		$\neg$		58		6.6				93
Dew F	oint	I —	1127	7196	X	1752	62	63.9	5.3	66	27	43				34	.4	1:1				93

0.26-5 (OLA)

### PSYCHROMETRIC SUMMARY

3909	<u> </u>	NCE	AFB	DKLA	HOMA	/ENI	D			42-	46,4	9-75		<del></del> ,	EARS							UG
																			PAG	E 1		-110
Temp											SSION (								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 2	6 27 -	28 29	- 30	2 31	D.B W.B.	Dry Bulb	Wet Bulb	Dew Por
06/105	- 1		1	1											1		- 1	• 0	1	1		l
04/103																<u>• 0</u>	.1	1	6	6		
02/101					Í								_	•		• 1	•0		6	6		1
00/ 99 98/ 97													• 6			<u>. 3</u>			26	26 42		ļ
96/ 95										.2	, 0 9	1.0	. 5		2	. 0			89	89		1
94/ 93								• 1	• 1		1,5	1.0				<u>.ă</u>			111	111		
92/ 91			İ	1			.0		1.0	.6 ĭ.9	1.7	9	. 1	.1	. 1	•	- 1		176			ĺ
90/ 89							.3	1.6	2.3	1.8	1.2		• 1	+	1	$\neg \vdash$			228	228		
88/ 87				l		• 2		2.4	2.4	1.3	.6	. 2					]		243	243		<u> </u>
86/ 85					• 1	1.5		2.5	1.6	. 8		, 1	• ]						289	290		
84/ 83			•0	.2	.6			1.7	1.3			0		ļ		_ _			287	287		
82/ 81			• 9	• 3	2.2	3.0		1.4	1.1			• 0			ļ	- {	- 1		306	306		ļ
80/ 79 78/ 77				1.4	2.2				2	2				<del> </del>	┼				256	256 231	10 67	
76/ 75		.0		1.7	1.7	1.0		1.0	.1	.1	.1				1	- }	1		231 193	193		
74/ 73	• 1				.6			.2			-• •		——	<del> </del>	+	-			159			
72/ 71	• 1	.6	1.4	.,	. a			. 2	.0						İ				iio			
70/ 69	• 1		.6		• 3				.0					1		_			60	60		
68/ 67	0	• 5	. 4	.2	. 2		.1	•0						<u>l</u>			]		50	50	301	
66/ 65	•0		• 3	• 1	. 2	• 1				ļ					-		į		30		224	
64/ 63		• 1	_ • 1	• 1	1	. C				<u> </u>	ļ			<del> </del> -		ļ_			11		131	
62/ 61	• 0		• 1	• 1	• 1		ļ			ļ				}	1	-	- 1		12	12		
60/ 59 58/ 57	0									<del> </del>				├						<del>-</del>	38	
56/ 55																			İ		9	9
54/ 53			•0																1			
52/ 51		• 1								<u> </u>	<u> </u>			<del> </del>	<del>                                     </del>	-			2	2		3
50/ 49		1				}				}									1	}	2	4 4
48/ 47 46/ 45		<del> </del> -	<b> </b>				<del> </del>			<del> </del>	<del> </del>			+							<del> </del> -	1
44/ 43							ĺ									ļ					ł	•
42/ 41										-	<del>                                     </del>			$\vdash$	-	_			<del>                                     </del>	<u> </u>		<del>                                     </del>
Element (X)		Σx²	<u> </u>		Σχ		<u> </u>	σ _χ	L	No. Ol	) )\$.	<u> </u>		1	Me	an No.	of He	ours wit	t Tempera	ture		1
Rel. Hum.		_^_					<del></del>	· •				≤ 0	F	≤ 32 F	~ —	≥ 67 F	_	73 F	≥ 80 F	× 93	F	Total
Dry Bulb																	1					
Wet Bulb																						
Dew Point																						

101th 0.26.5 (OLA)

#### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75

STATION STATION NAME

PAGE 2 0900-1100
HOURS (L. S. T.)

Temp						WET	BULB .	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL	1	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb		Dew Poin
TOTAL	. 3	3.4	6.5	7,5	7 - 8	12.2	13.1	12.8	11.0	7.9	6.9	3.9	2.3	1.2	•6	•1	• 1	2926	2928		2926
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Element (X)		Σχ²			Σχ		X	σx		No. Ob					Mean t	to, of H	ours with	h Tempera	ture		
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Dry Bulb		2017	4687	!	2420	17	82.7	7.6	32	29	28				91	42	84.2	61.		.9	93
Wet Bulb	<u> </u>	1459	5416		2062	96	70.5	4.1	61	29	26						34.4		1		93
Dew Point	l	1232	1530		1892	16	64.7	5.4	06	29	26		_L_		39	• 5	2.6		1	1 _	93

### **PSYCHROMETRIC SUMMARY**

\$3909	VA	NCE	AF8	OKLA	ATION N	/ENI	<u>D</u>			42-	46,4	9 <del>75</del>		YE	ARS					Al	JG TH
•				-														PAGE	1	1200	-140
Temp						WET	BULB	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B. D.	y Bulb	Wet Bulb	Dew Po
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106/105			1							1			ļ		• 1	2			23	1	
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100/ 99												• 0	٠,٠2	1.1	1.6	.5	• 1		107 178	}	
98/ 97		<del>  </del>						• 0		<del> </del> ,	• 6	2.5	1.9	1.3		•3	•1	178	196		
96/ 95								• •	. 1	.1	1 9	2,0 2,6	1.2	7	•6	.0	• 1	217	217		
94/ 93		<del>   </del>	<del></del> -				•0	• 1		<del></del>	2,5							280	280		
92/ 91						.0		4	2.2	2.7	1.5	1.5	. 9					282	282	ļ	
90/ 89		ii				• 1					1.5	. 6	• 5					291	291		
88/ 87					•0		1.3	1.8	1.7		ili	• d	. 1	•			'	257	257		
86/ 85					0.1	1.0	1.8		1.3	.7	, 9		• 1					:227	227		
84/ 83					,5	1.4	1.2		.7	1.1	5	. 2	• 1					189	189	2	
82/81		• 0	• 0	.2	1.2	1.0	. 9	• 7	• 6	.3	1 و	• 1	-0					155	155	6	
80/ 79			•0		.8								•0					98	98	24	
78/ 77		•0	• 4 • 5	•9	• 9	. 3	.4	.4	• 1	. 0	.0			ĺ				106	106	196	
76/ 75		• 1	• 3	.6	.3	•4	• 1	• 1	•	• ]							ļ	70	70	584	
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Element (X)		Σχ²			Σχ		X	σ _x	-	No. O	»s.			. 40 5				h Temperatur			
Rel Hum.						$- \vdash$		<del></del>				<b>≤</b> 0		≤ 32 F	≥ 67	-   -	73 F	≥ 80 F	≻ 93 f		Total
Dry Bulo Wet Bulb									-				<del> </del>								
Dew Point				<u> </u>																	

FORM 0.26-5 (OL A) RIVISTO PREVIOUS EDITIONS OF THIS FORM ARE GISOLETE

USAFETAC

#### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75 AUG STATION STATION NAME 1200-1400 PAGE 2 HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 (F) D.B. W.B. Dry Bulb Wet Bulb Dew Point 42/ 41 40/ 39 3.2 4.3 5.9 6.8 7.910.612.410.910.8 8.1 6.1 4.6 2.5 1.7 2928 TOTAL 2928 2928 2928 No. Obs. Mean No. of Hours with Temperature Element (X) 45.516.014 89.1 8.435 71.8 4.102 63.6 5.947 6815883 133263 260957 2928 267 F 273 F 280 F 293 F Rel. Hum. ≰ 0 F ≤ 32 F Total 92.4 23465937 2928 93 89.3 80.6 34.3 Dry Bulh 210349 186335 2928 2928 15160837 93 48.7 Wet Bulb 11961683 93 33.2 Dew Point

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### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75 AUG
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700

Temp.							WET	BULB 3	EMPER	ATURE	DEPRE	SSION	F)						TOTAL		TOTAL	
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68/ 67	<del>-</del>	7-	:3	•d	•0				<u>-</u> -		<del> </del>				<del>                                     </del>	<del>                                     </del>			11			
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Rel. Hum.									<del></del>	-		·	± 0	F	≤ 32 F			≥ 73 F	≥ 80 F	# 93 I	F	Total
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Wet Bulb	<del>                                     </del>								<del></del>							<del> </del>			<del>                                     </del>			
Dew Point	<u> </u>								<del> </del>							┼──			1	-	_	
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USAFETAC FORM 0.26-5 (OLA) REVISIO REVISIO REVISIO DE SOTORIS FORM ATT CENDITIE

10th 0.26.5 (OLA)

USAFETAC

# **PSYCHROMETRIC SUMMARY**

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(F) 0 44/43 -42/41 -40/-39										SSION (										
44/ 43 42/ 41 40/ 39					9 - 10	11 - 12	13 - 14	15 - 16									TOTAL		TOTAL	
42/ 41	1.0	2.1	2.3	,					17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	2/ - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
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#### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75 AUG YEARS PAGE 1 1800-2000 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | D.B./W.B. Dry Bulb Wet Bulb Dew Point × 31 106/105 104/103 34 34 100/ 99 61 98/ 97 78 1.1 78 96/ 95 1.7 138 138 2,2 1.0 94/ 93 1.2 •5 178 178 92/ 91 209 209 90/ 89 •2 •4 2.0 2.5 2.2 239 239 88/ 87 261 261 86/ 85 1.1 2.3 1, 248 248 206 84/ 83 206 82/ 81 -4 1.6 1.5 1.1 , 6 • 0 215 1 .215 80/ 79 147 1.0 1.2 78/ 77 • 4 . 1 2 1.3 126 126 . . 3 73 76/ 75 106 236 106 12 74/ 73 72/ 71 . 1 82 82 566 66 .7 171 62 505 62 70/ 69 37 37 400 286 331 68/ 67 263 66/ 65 .0 . 0 . 1 169 327 64/ 63 106 291 62/ 61 • d 231 35 60/ 59 58/ 57 29 204 161 1<u>58</u> 97 56/ 55 54/ 53 52/ 51 49 50/ .49 40 48/ -47 23 46/ 45 8 44/ 43 5 42/ 41 5 38/ 37 Σχż ø, Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 10 F ≤ 32 F 267 F 273 F 280 F 293 F Dry Bulb Wer Bulb

â õ 0.26-5 FORM JUL 64 USAFETAC

Dew Point

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### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB DKLAHDMA/ENID 42-46,49-75

STATION STATION NAME

PAGE 2 1800-2000
HOURS (C. S. Y.)

Temp						WET	BULB '	TEMPER	ATURE	DEPRE	S2104 (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Buib	Wer Bulb	Dew Poin
TOTAL	•2	2.0	4.2	5.1	7.7	6.8	9.1	9.5	11.	17 - 18 10 - 8	11.1	8.0	6.6	3.7	2.3	•6	•5	2470	2470	2470	2470
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Rel. Hum.		Σχ'	5992	<b></b>	z _x 1231	24-	X 40 4	م ا	140	No. 01	70			- 20 6				h Tempera	ture 2 93 f		Total
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Wer Bulb		1239	2243	}	1746	67	70.7	.6.0	35	<del>5</del> ]	70				79	,3	35.3		2	•	9
Dew Point		990	3281	<del> </del>	1563	56	63.3	6.3	777	57	70		<del></del>		1 33	.7	3.0		<del>ਨ </del>		<del></del>

USAFETAC FOLM 0.26-5 (OLA) TENSED MENOUS EDITIONS OF THIS FORM ARE OLICITED

### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75

STATION STATION NAME

PAGE 1 2100-2300

NOORS (L. S. T.)

			_																		HOURS (	L. S. T.)
Temp	, [							BULB											TOTAL		TOTAL	
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Wet Bul	15			4021		1435	33	69.3	4.1	88	20			十一		72		21.7				9
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#### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-60,63,72-75 SEP

STATION STATION NAME
PAGE 1 0000-0200

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dev Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 17 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 86/ 85 84/ 83 82/ 81 19 19 -2 80/ 79 34 34 IJ .3 78/ 77 • 2 • 2 , 2 , 2 98 98 1.0 75 2.1 134 134 76/ 747 1.2 73 1.0 148 148 76 21 72/ 71 1.1 166 166 3.0 .9 1.1 1.1 1.8 77 155 155 707 -69 154 68/ 67 1.3 174 174 167 125 1.0 1.4 .160 66/ 65 144 144 64/ 63 130 130 165 130 1.0 1.5 1.4 119 62/ 61 119 167 130 60/ 59 133 133 110 118 1.5 102 •3 102 58/ 57 1.5 1.0 1.9 . 1 109 1.0 56/ 55 73 169 73 130 . 7 1.0 .3 54/ 53 40 40 122 123 . 2 52/ 51 . 3 118 27 27 115 49 50/ 26 26 77 110 48/ 47 12 12 43 77 90 46/ 45 29 . 2 6 70 44/ 43 18 42/ 41 46 40/ 39 51 38/ 37 36 36/ 35 22 34/ 33 30/ 29 4 TOTAL 4.118.816.917.714.3 9.7 6.1 5.6 4.2 1757 1757 7 1757 1757 Mean No. of Hours with Temperature Element (X) 70.618.199 66.5 7.809 60.2 7.159 124086 1757 9345008 ≥ 67 F ≥ 73 F ≥ 80 F Rel. Hum. ≤ 0 F ≤ 32 F 1757 90 7886500 48.1 116912 22.7 2.1 Dry Bulb 6447751 105691 20.7 90 Wet Bulb 97915 55.7 9.352 90 5610239 1737 11.5 Dew Point

VANCE AFS OKLAHOMA/ENID

# **PSYCHROMETRIC SUMMARY**

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72/ 71		2.1	3.6	1 1	1.2	• 5 • 4	. 5	. 1	. 1	. 1								206	206		16
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66/ 65	1		1.5	1.3	. 8	• 6	1,0	.1	.2									192	193	196	200
64/ 63	•.	2.0			• 6	. 4	.7	.5									L !	167	167	160	150
62/ 61	. 5		1.7	1.4	.8	. 6	. 2								Ĭ			167	167	178	149
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58/ 57	. 4	2.3	1.8	1.0	. 9	• 7	•0										]	154	154	141	13
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Wet Bulb			0616		1261	98	59,3	7.5	14		29				19	.9	•0				9(
Cew Point			9119		1190			9.1			29			• 1					<del></del>		9(

42-46,49-75

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# PSYCHROMETRIC SUMMARY

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74/ 73	• (	d . d			7				.2		0	<del> </del>	<del>- </del>	<u> </u>	┼			128	128		
72/ 71	•	1.8		i.	8		4		,3 .1		٠,	J			}		J	195	195		
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66/ 65	• 5	2.2	1.8					.3	•0			├	<del></del>	70(	<del>T</del>		<del> </del>	236	236		
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62/ 61	• 6	2.0	1.7	1.3	.7	• 6					<del></del>			<del></del> -	<u> </u>			218	218		
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Dew Point			2169		1553		27.1	7.56	1	260	)1				21	,3	•4		<del> </del>		90
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#### PSYCHROMETRIC SUMMARY

HOURS (L. S. T.)

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13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75 SEP

STATION NAME PAGE 1 0900-1100

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 100/ 99 98/ 97 96/ 95 94/ 93 •0 6 22 92/ 91 ,3 3 40 40 . 1 . 1 .0 90/ 89 1.5 97 88/ 87 .1 86/ 85 126 126 ·1 •8 1.5 1.3 84/ 83 , 3 5 • 1 • 1 .1 156 156 182 82/ 81 182 80/ 1.6 1.8 . 8 186 186 , 5 • 1 78/ 77 194 194 1.0 76/ 75 1.6 1.5 . 4 203 203 70 2 , 1 206 1.6 74/ 73 206 70 1.0 .5 .6 72/ 71 . 8 1.4 1.1 215 215 280 • 0 220 70/ 69 1.2 220 212 266 68/ 67 1.0 1.4 • 0 173 173 254 295 168 235 1.d .6 66/ 65 168 260 .4 .2 64/ 63 . 2 1.1 ۰6 . 7 .3 123 123 274 227 62/ 100 100 239 194 61 60/ 59 250 94 94 172 • 6 58/ 57 61 61 171 184 56/ 55 .4 155 .4 207 • 1 40 46 54/ 53 104 40 40 188 85 69 . 3 21 51 21 163 52/ 50/ 49 <u>•</u>d 134 16 16 48/ 47 • 1 . 1 46 109 75 99 45 4 . 1 43 .0 42/ 41 74 40/ 39 38/ 37 57 28 36/ 35 16 34/ 33 12 Σχ² Element (X) ΣX X σx No. Obs. Mean No. of Hours with Temperature Rel. Hum, ≤ 32 F Dry Bulb Wet Bulb Dew Point

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FORM JUL 64

# **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75 SEP
STATION STATION NAME YEARS MONTH

PAGE 2 0900-1100

Temp.						WET	BULB	_MPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Buib	Wet Bulb	Dew Point
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Dry Bulb		1516	5051	1	2034	+49	73.3	9.6	77	27	77						48.2		0 1	. 0	90
Wet Bulb			214		1768		63.	7.7.2	45	27	77_		!_		] 3!	5.5	9.6		_L		90
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### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42=46,49=75
STATION STATION NAME YEARS MONTH

BAGE 1 1200=1400

PAGE 1 1200-1400 HOURS (L. S. T.)

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104/103		1 - 2	3 - 4	3 - 0	7 - 3	9.10	11 - 12	13 - 14	13 - 16	17 - 18	19 - 20	21 - 22	23 - 24	23 - 26	27 - 28	29 - 30			2	WET SOID	Dew Folk
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100/ 99		<u> </u>										<del>-</del>		-0					$\frac{12}{21}$		
98/ 97						1				,	,	•	• 2		.2	3 و	,3	11	52		
96/ 95			-						•0	• (	- 0		.9		• 5				107		
94/ 93			1						.1		1.0	• 6 • 8			. 4				120		
92/ 91		<u> </u>						• 1			1,5		•4					153	153	<del> </del>	
90/ 89		i '					. 1	.9	1.3	1.4	.5	• 5	.4		4			183	183		1
88/ 87		<del>                                     </del>			•0	• 0		1.1	11.1	. 8	.4	• 6	. 5	• 2	• 2	• 0		155	155		
86/ 85		)			.1	. 5						.4		.4			1	177	177		
84/ 83				• 0	•3	, 9	1.3	1.2	. 6	,:	, 8	• 6		.1		i		181	181		
82/ 81				.2	. 7		1.1	1.2	.5	, ,	.7	• 3	• 3	• 0				188	188	1	
80/ 79			• 0			1.3	1.3	• 9	1:1	9	.5		• 3	*	ì	i		222	222		1
78/ 77			. 1	. 7			. 9	1.3	1.0	• (	. 4	2	•0					196	196		
76/ 75		• 0	• 2	. 8	. 8	• 6			1 -			• 1			1			186	186		
74/ 73		• 1	• 5	. 9	.4	• 7								<u> </u>	<u> </u>	<u> </u>	<u> </u>	171	171	298	
72/ 71	_	• 2		.6	• 7	.7	.6	. 4	•4	• 4	1	• (		Ì			İ	128	128		
70/ 69	- 1				• 7	.6								<u> </u>	<u> </u>		<u> </u>	114	114		181
68/ 67	• 1			•4	•3	.6	.4	.1	• 4	• (	7	l	Į .	1	Į.	ļ	ļ	99	99	288	234
66/ 65	• 1		• 5	• 3		• 3	.3	• 3	• 1		ļ		<u> </u>	ļ	<u> </u>		<u> </u>	75	75		277
64/ 63		.5	• 3	• 3	•3	• 4	.4			ļ	ļ	ļ	ļ	ļ			}	65	65	281	
62/ 61	<u>• ç</u>		• 4	_ •3						ļ				<del> </del>	<del> </del>		1	53	53		
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48/ 47		•	<b></b>			**			-		<del>                                     </del>		_	<del> </del>			<del> </del>			20	100
46/ 45	.:	.1		1					ļ			ļ	l	1				3	3	7	109
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42/ 41		'"	]	ļ						1									_	i	60
40/ 39			<u> </u>						<del>                                     </del>		1				1		<u> </u>	T		2	66
38/ 37		1													<u> </u>						45
Element (X)		Σχ²			Σχ		X	σ _χ		No. O	bs.				Mean	No. of H	ours wit	h Temperat	lure		
Rel. Hum.												≾ 0	F	≤ 32 F	≥ 67	F	73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb																					
Wet Bulb																					
Dew Point																					

# **PSYCHROMETRIC SUMMARY**

13909	<u>VA</u>	NCE	AFB	DKLA	AMOH N NOITAT	/ENI	D			42-	4654	9-7!	5	YE	ARS					S	EP
																		PAG	E 2	1200	-14
Temp.											ESSION							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	
36/ 35																					
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227 21 TOTAL	٥	4 1		F 7	<b>"</b>		,, ,						1			١.,	١.,		3700	}	
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Element (X)		Ex2			Z X	<u> </u>	<u> </u>	· •,	<u> </u>	No. O					He == 1	10 11 11	 	Tempera		<u> </u>	<u></u>
Rel. Hum			34216		1396	48	50.	18.8	82		790	± 0	F	± 32 F	Mean I		2 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb		1802	0362	i	2222	88	79.	10.	43	27	90	<del>  -                                   </del>		<u> </u>	79	•6	68.6	47.			
Wet Bulb			6541	]	1830	83	65.6	6.8	191	2	790				44	.9	16.2	•			
Dew Paint		942	0064		1599	66	57.	9.4	136	2	90			•4		•4	• 9				

13909 VANCE AFB OKLAHOMA/ENID 42-46,49-75

#### PSYCHROMETRIC SUMMARY

SEP

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																		PAGE	€ 1	1500 HOURS (1	-1700
Temp.						WET	BULB T	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																	•1	2	2		
104/103						<b></b> i	ļl			<u> </u>					• 0	0	<u> </u>	4	- 4		
102/101			l	. !			1 1			ļ				• 2	• 3	• 1	• 2		21		
100/ 99												0	•0	• 2	• 3	.3	- 4		34	I	
98/ 97 96/ 95		.	}	,	,					•0	• 1	• 4	• 3	.8	-5	.3	•5		71		
94/ 93		<del></del>			_ <del></del> -i	i				<del> </del>	•	1.0	. 0		.2	.6	•0		116		<del></del>
92/ 91		1 }	ļ					i	• 1 • • 5	1.5	, 9 1 . 8	1.0	•3			.3	•0		183	1	
90/ 89		<del></del>	—— <del> </del>			•0	• 1	.5	1.2		1.2	.6	•6			• 1		185	185		
88/ 87			1	. 1	.0	1 .1	1 1	. 9	1.5	i.i		. 4	• 5	.4	. 2			170	170	! i	
86/ 85		• 0				• 7	<del></del>		1:1	.8	,6	, 6	• 7					193	193		
84/ 83		1			1	. 7		1:1	. 8	. 8	1.0	.7	.3					186	186	1	
82/ 81				• 1	9	.8	1.1	1.1	.9	1,0	, 8	• 5 • 3	• 4	• 1	•0			195	195		
80/ 79				. 4	- 9	. 9	1.0	1.0	.7	1.2	8	. 3	.1					199	199		
78/ 77			- 1	• 4	.7	.7	• 5		1:1		,6	.4	•0					182	182		2
76/ 75			. 3	.7	. 8	.4	.8		6		. 3	. 3	•1		<u> </u>			175	175		
74/ 73	ĺ	• q	. 4		, 5	.7	. 8		• 3	, 1	.2	• 2	•0	1	1			141	141		
72/ 71	<u>.g</u>		. 3	• 3		• 5	-6	.4	• 3						<b></b>			86	86		55
70/ 69 68/ 67	• 1		. 4	• 7	. 3	.3	• 5	.5	•3 •5	2						İ		108	108 74		140 184
66/ 65	. 2	4		• 4	4	•1			• 1					-	<del>  </del>			70	70		260
64/ 63	• 1 • 1			3		.3		• 7	• •	1					1 1			64	64		243
62/ .61	. 1	: -1	. 1	. 1	.1			•0		_								23	23		222
60/ 59	. 1	.1		.3			2	)		1	· '		}	i '				51	51	189	
58/ 57		.2	.4	• 0		• 2												.27	27		166
56/ 55	. 1	1 -1									]		)	1	1			21	21	86	
54/ 53	.1				.0						i							8	8	74	176
52/ 51		. 2				.0	.0			<u> </u>				<u> </u>				8	8		185
50/ 49		.0	- 1			•0	4				i			1				4	4	30	145
48/ 47		J				<u> </u>					!		<u> </u>	<u> </u>						13	
46/ 45		- 1					i .				}		i					3	3	. "	128
44/ 43		• 1				<del> </del>	ļ			ļ	<u> </u>			<u> </u>				3	3	3	98
42/ 41 40/ 39						]														3	63 57
Element (X)		Σχ²			Σχ	<u> </u>	<u> </u>	7,		No. Ol	· · ·		<u> </u>	L	Mean N	o. of Ho	ours wit	h Temperat	ure.	<u></u>	
Rel Hum.						$\neg$		<del>                                     </del>	_			± 0	F :	≤ 32 F	≥ 67		73 F	≥ 80 F	≥ 93	F I	Total
Dry Bulb																			1		
Wet Bulb																					
Dew Point																		i	1		

#### **PSYCHROMETRIC SUMMARY**

VANCE AFB OKLAHOMA/ENID 13909 STATION

STATION NAME

42-46,49-75

SEP MONTH

YEARS PAGE 2

1500-1700 HOURS (L. S. T.)

Temp,										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	
387 .37								i									i				5
36/ 35		]	ĺ		1	ĺ	l													ļ	3
34/ 33		i		i		I	i	i	<u> </u>												1
32/ 31		ĺ		1	1	!	1		!											İ	
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28/ 27			i	1		ı		ļ												i	:
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OTAL	. 6	3.1	3.9	5.1	5.9	7.2	8.9	11.1	9.9	10.6	0.4	7.2	4.6	4.6	3.6	2.5	1.5		2729		272
W 1 7 16		7	1 307	7		/ • •			/ • /	1.0.0	737	102	740	770	700	200		2729		2729	
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Element (X)		Σχ²			Σχ		X	· /x		No. Ol								Tempera			
Rel. Hum.			1117:	1	1279	15	46.9	18.9	89	21	28	≤ 0	F	⊴ 32 F	≥ 67		73 F	≥ 80 F	≥ 93		Total
Dry Bulb			7125	5	2209			10.5			29				80		71.9			.2	9
Wet Bulb			73448		1790			6.6		27	29						14.3	•	I		9
Dew Point	i	293	37833	3	1540	27	56.4	9.4	66	27	29			• 5	1 12	.9	•4	l			9

0.26.5 (OL A)

FORM 0.26-5 (OL A)

### **PSYCHROMETRIC SUMMARY**

VANCE AFB OKLAHOMA/ENID 42-46,49-75 1800-2000 HOURS (L. S. T.) PAGE 1

Temp.											SSION (							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	≥ 31	D.B. W.B	Dry Bulb Y	tet Bulb	Dew Point
102/101														1 .9	•9			2	2		
100/ 99											<u> </u>			•0				1	1		
98/ 97	İ	į į											•	• 9		• 1		4	4		
96/ 95									ļ	.0			• 1		• 3	1	0	20	20		
94/ 93						l			•0	.0		.4	• 3		• 1		• 1	31	31		
92/ 91									.2		. 5	• 3		.3	• 3	. 1		52			
90/ 89							• 9	• 2	-4	.9	.6	, 5	• 6	•3		• 0		84	84	_	_
88/ 87					!		•0	.7	1.1	.7	-4	, 3	.4	.4	. 2			101	101		
86/ 85						• 1	• 7	1.1	.9	.3	. 8	•7 •5	• 2		• C			120	120		
84/ 83					• 3	.6	8	1.1	- 9			. 5	.4					144			
82/ 81				•0 •5	9	.7	1.5	1.2	.4	1.0	.5	•6	• 2		- 1	- 1		161	161		
80/ 79		<u>. q</u>				1.3	8	6	. 8					•0				165	165	1	
78/ 77			• 5	, 9	1.1	1.1	1.1	.1.2			,6	•3						199	199	5	1
76/ 75			,3	1.4		1.1	. 8			. 8		• 2						189	189	37	1
74/ 73		• 1	.9	• 7	1.1	1.2	1.0	1.1	.6	.6	.1 .3				İ	j		173	1,73	126	10
72/ 71		•4				1.1	1.0	• 7	6	.6	.3	• C						196	196	222	42
70/ 69	. 1	• 7		• 4	.9	1.2	. 8		- 5	• 2	ł	i			İ			141	141	260	105
68/ 67	.2		102	. 9	1.1	1.1	. 6	.4	4	.0								152	152	238	
66/ 65	• 0	•5	.6	• 7		.6	. 3	. 3	•3	•0	1			1 1	ŀ	ļ		101	101	246	
64/ 63	.4	.6	. 8	. 8	•6	.6	.3	. 3				<u> </u>						99	99	231	196
62/ 61	.3		. 8 . 5 . 3	•6 •5	• 4	• 3	.3	• 1	ł		i			1 1	- }	ļ		67	67	223	208
·60/ 59	- • 1	. 2	• 3		.4	- 4	,3				<u> </u>			<u> </u>				53	53	231	141
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36/ 35 Element (X)	ļ	Σχ²	<del></del>		Σχ				<u> </u>	No. OL	<u>_</u>				<u> </u>			7			21
Rel. Hum.		- X.			~ X		X	σ _χ		NO. UE	**			- 22 6				Temperat	~~~~	<del></del>	
Dry Bulb			<del> </del>								<del> </del>	± 0		≤ 32 F	≥ 67 F	-	73 F	≥ 30 F	≥ 93 F		Total
Wet Bulb														<del></del> }					<del> </del>		
Dew Point						- -										-{			-		
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# **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID SEP 42-46,49-75 PAGE 2

1800-2000 HOURS (L. S. T.)

Temp.					,		BULB											TOTAL		TOTAL	
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26/ 25					]	Ì	ì		]	}				1			]			1	]
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Dry Buib			1335		1774	45	75.2	7.5	23	23	59				73	. 8	35.2	31.	0 2	.2	9
Wet Bulb			1356		1498	94	63.5	.6.7	33	23	39		-		33	19	6.4			<del></del>	9
Dew Point			0507		1326		56.2	0 2	AT -		59			.4	12		• 5		-	<del></del>	90

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### **PSYCHROMETRIC SUMMARY**

STATION   PAGE 1   2100-2300   PAGE 1   2100-2300   PAGE 1   2100-2300   PAGE 1   2100-2300   PAGE 1   2100-2300   PAGE 1   2100-2300   PAGE 1   2100-2300   PAGE 1   2100-2300   PAGE 1   2100-2300   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1   PAGE 1	13909	VAN	CE	AFB (		ANDI		<u>D</u>			42-	4654	9-75									EP
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Element (X)   Z _X   Z _X   X   σ _X   No. Obs.   Mean No. of Hours with Temperature		7 47	1.4	13.0	15.0	14 5	12.5	9.4	7.1	56	4.1	2.2	9:1		<del>-</del>	<del> </del>		+	<del>                                     </del>	2002		
Element (X)	1,0145	1.9	1.4	13,7	1707	44.5	16.	7 ? ?	' • •	240	7 * * *	200	]	• "			ŀ		2001	2002		
Rel. Hum.     9057220     129338     64,618,671     2001     ± 0F     ± 32 F     ± 67 F     ± 73 F     ± 80 F     ± 93 F     Total       Dry Bulb     9828495     139347     69,6     8,042     2002     58,6     34,1     10,4     90       Wet Bulb     7648802     122938     51,4     6,917     2001     25,0     2,4     90	Flement (X)	<del>_</del>	<del></del>			Z y	$\neg  au$	<del>' ৢ                                   </del>	~ <del>~</del>		No. O	<u></u>	<u> </u>	<u> </u>	<del></del>	Mean I	No. of I	fours with		ure	2001	
Dry Bulb         9828495         139347         69.6         8.042         2002         58.6         34.1         10.4         90           Wer Bulb         7648802         122938         51.4         6.917         2001         25.0         2.4         90				7220			38			71			± 0	F	: 32 F						-	Total
Wet Bulb 7648802 122938 51.4 6.917 2001 25.0 2.4 90	·							69.6	8.0	42											_	
	1 1													_						1		
1 TO TOWN   DETAILOR ALEXON BUSIN FORD   COULT PRINCE ALL !!!!	Dew Point														-4			• 1		1-		90

### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID

42-46,48-60,62-63,69,73-75
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DCT

PAGE 1

0000-0200

Temp.						WET	BULB	FEMPER	ATURE	DEPR	SSION	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 • 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
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78/ 77				. 1	. 1	. 1					•			1				4	4		
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74/ 73		• 3	. 1	. 1	.3			.1	.2	]	l			İ				24	24		
72/ 71		. 2	• 4		• 3	. 2	.3				ì			i —			<u> </u>	33	33	11	4
70/ 69		. 8			• 3		, 5				]	i '	·	1	]		İ	74	74	15	11
68/ 67	.1	1.1	. 8		1.3	.7	.4							<del> </del>			<del> </del>	115	115	37	11
66/ 65	. 3										1			}			Ì	127	127	48	
64/ 63	• 2			1.6	. 7	. 9	.3				<del> </del> -	<del> </del> -					<del> </del>	119	119	59	44
62/ 61	. 5		1.0	1.5							ĺ	l		•			!	131	131	109	
60/ 59				2.0	1.3	• 7					<del> </del>		h	<del> </del>			<del>                                     </del>	163	163		
58/ 57	.7		2.0	1.8	1.3	. 4				]	İ	l						159	159	164	90
56/ 55		2.7	1.7	1.7	1.2	.8				<del></del>	<del> </del>			<del> </del> -	<del> </del>		<del> </del> -	160	160	169	
54/ 53	.6	1.6	2.0	1.7	1.1		.1		J		l	ļ			j i		ľ	140	140		
52/ 51	.7		2.3	1.6		.1			<del>}</del> -	1	<del> </del>	<del></del>		<del>                                     </del>	<del> </del> -	<u> </u>		129	131	157	124
50/ 49	. 3			1.8	. 8	1 1			ļ	ŀ	l	1					İ	121	122	146	119
48/ 47	2		1.4	1.1	.5				<del></del>	├	<del> </del>	<del> </del>		<del> </del>				85	86	127	117
46/ 45						[ 1		ì	1	ì	ì	ļ		j			i i	1 1	63	134	140
44/ 43	• 1							i	<del> </del> -	<del></del>	<del> </del>		<del> </del> -	<del> </del>	<del> </del>		<del>}</del> -	62	39	97	137
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34/ 33		1	• 2					<b> </b>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	ļ	4	4	26	
32/ 31			• 2	}				ļ			1	İ	l	1	ì		l	3	3	7	36
30/ 29		<u> • 1</u>		<b> </b>					ļ	<u> </u>	<u> </u>	<u> </u>	<u> </u>	ļ			<u> </u>	1 1		4	37
28/ 27		. 2			ł			ļ	l	l	Į .	l	l	l	l	l	Į	3	3		
26/ 25	• 1	• 1								<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>			2	2	4	26
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22/ 21		<u> </u>	l		L	L				L		<u></u>	L	<u></u>	L		<u>L</u>	<u> </u>			13
20/ 19													<u> </u>								4
18/ 17										<u></u>	<u></u>	<u> </u>		L	L		<u></u>			L	3
16/ 15						1			1	Π-				1	Γ	I -	T				5
14/ 13							! 	1									1				3
Element (X)		Σχ²			z x		X	0,		No. O	bs.				Mecn I	No. of H	ours wit	h Temperat	ure		
Rel. Hum.				1								⊴ 0	F	≤ 32 F	≥ 67	F :	73 F	* 80 F	× 93	F	Total
Dry Bylb				1														1	T		
Wer Bulb				<del>                                     </del>		<del>- i -</del>							$\neg$		1	_			1	_	
Dew Point				<del> </del> -									$\dashv$		<del>                                     </del>			<del> </del> -	-		
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USAFETAC FORM 0.26-5 (OL A) HINKED HINDUR TENNANCIO HIS FORM ARE OBS

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#### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-60,62-63,69,73-75 OCT

STATION STATION NAME PAGE 2 0000-0200
HOURS (C. S. 7.)

WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL 1807 1807 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) TOTAL 4.922.821.920,113.6 8.2 3.8 3.4 1.2 1813 1807 No. Obs. Mean No. of Hours with Temperature Element (X) σ_x 72,017,412 56,9 8,730 51,9 8,388 47,310,586 129907 Rel. Hum. 9896399 1805 ± 0 F ± 32 F ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 93 Dry Bulb 6614637 103219 13.6 1813 • 5 2.2 1.0 4992638 4236928 93766 85384 1807 2807 3.2 Wer Bulb 93 93 Dew Point

#### **PSYCHROMETRIC SUMMARY**

3909 VANCE AFB DKLAHOMA/ENID

42-46,48-70,72-75

DCT

ATION STATION NAME

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PAGE 1

0300-0500

WE' BULB TEMPERATURE DEPRESSION (F) TOTAL Temp ! TOTAL ! D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 •0 787 77 76/ 75 747 73 13 13 72/ 71 19 19 70/ 69 62 62 6 68/ 67 74 1.5 66/ 65 .2 91 91 49 36 64/ 63 121 121 61 52 172 52/ 51 2.3 172 73 83 1.6 • 0 152 60/ 59 2.1 1.5 152 114 81 1.1 3.1 2.1 197 58/ 57 168 106 55 - 5 2.1 2.0 .6 167 167 128 56*i* 1.6 165 2.0 .6 2.0 .6 2.4 1.7 54/ 53 . 1 162 162 185 127 52/ 51 190 190 163 148 2.8 2.2 191 50/ 49 • 1 191 1.8 192 166 151 48/ 47 • 0 . 1 153 173 154 • 0 .0 .1 . 7 46/ 45 1.5 1.4 99 171 140 44/ 43 1.7 5? 151 152 84 42/ 41 . 6 1.4 • 4 59 112 143 • 1 <u>.1</u> 1.1 1.0 58 58 40/ 39 87 101 .5 . 1 38/ 37 . 7 • 1 37 37 80 106 36/ 35 QÓ 33 .0 31 31 34/ 33 • 2 • 0 15 15 34 86 32/ 10 10 31 30 68 30/ 29 •1 14 39 28/ 27 6 33 26/ 25 38 24/ 23 16 227 21 15 20/ 19 9 18/ 17 5 16/ 15 8 3 12/ 11 No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. ⊴ 32 F ≥67 F < 73 F ≥ 80 F 10 F ≥ 93 F Dry Bulb Wet Bulb Dew Point

0.26-5 (OL A) tenseu menous entrons of this form

USAFETAC FORM 0.26-5 (OL

#### **PSYCHROMETRIC SUMMARY**

VANCE AFB OKLAHOMA/ENID

42-46,48-70,72-75

UCT MONTH

PAGE 2

0300-0500

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 - 10 | 11 - 12 | 13 . 14 | 15 . 16 | 17 - 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 D.B. W.B. Dry Bulb Wet Buib Dew Point TOTAL 6.350.425.919.d 9.4 4.9 3.1 2175 2169 2169 2169 Element (X) Σχί No. Obs. Mean No. of Hours with Temperature 164833 117762 108723 100222 76.016.114 54.1 8.880 50.1 8.814 46.210.808 13094915 Rel. Hum. 2168 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F ± 0 F ± 32 F Dry Bulh 2175 . 8 7.6 93 5618269 Wet Bulb 2169 2.4 2.8 93 Dew Point 4884168 2169 10.1 93

REVISED MEVIOUS EDITIONS OF THIS FORM ARE CASC'ETE 0.26-5 (OL A)

# **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB DKLAHDMA/ENID STATION NAME

42-46,48-70,72-75

DCT

PAGE 1

0600=0800 HOURS (L. S. T.)

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6						17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.8. W.B.	Dry Bulb	Wet Bulb	Dew Point
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78/ 77							• 0											1	1		1
76/ 75		• 0	•0	• 0	.2	• 0		.0							i			9	9		
74/ 73		. 2	. 1		. 1	. 1		i	.0	}		] ]		) )	1			14	14	3	1
72/ 71	•0	• 2	. 5	• 3	. 3	- 0	• 0	•0										40	40	7	.4
70/ 69		. 9					. 2	.0				li		.0	- 1			64			11
68/ 67	•1	1.1	8.		.3	. 2		.1		•0					——i			84	84	58	26
66/ 65	• 2	. 8				. 4		}	ì			i i			1			105	105		
64/ 63	• 2	1.2		1.3	.6	. 5	. 2	• 1	•0									146	146		62
62/ 61	. 3	2.2							.2		i '	1 1		1				171	171	100	
60/ 59	.7	2.7	1.5	1.5	• 7	• 5		• 1										213	213	146	
58/ 57	.6	2.1	2.1			.3	.1					[			- 1			213	213		
56/ 55	.6		2.2		.6	• 7	• 2			<del></del>								211	213	192	151
54/ 53	. 4		1		1.1	. 3	. 2		1	}				1	i			217	217	194	
52/ 51	.6	2.7	2.1	1.6		• 5				<del> </del> -								240	241	205	184
50/ 49	. 3					3	, 1	••	1			1 1		1 1	1			199	199		179
48/ 47	2	2.5		1.5		- : :	• 0	<del> </del>			<del> </del>							190		200	
46/ 45	. 1	1.5						ĺ								-		146		•	
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34/ 33	• 1							<b>\</b>	}	}	ļ.	1 !			1		{	24			
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18/ 17		<b> </b>					ļ		ļ	ļ		<b> </b>		<u> </u>	<b></b>			<del> </del>			5
16/ 15			1		ľ				İ		1								1		4
14/ 13				<u> </u>	<u> </u>	<u></u>	L		<u>l,</u>		L,	<u> </u>		<u> </u>			<u></u>	<u> </u>	<u> </u>	<u> </u>	3
Element (X)		Σχ'		<u> </u>	Σχ		<u> </u>	· *		No. O	»s.							h Tempera			
Rel. Hum.												± 0 1	F	≾ 32 F	≥ 67	F   *	73 F	≥ 80 F	≥ 93	<u> </u>	Total
Dry Bulb				ļ					_		]		_			_		ļ <u>-</u>			
Wet Bulb	<u></u>								_							_ _		<u> </u>			
Dew Poirt													1								

USAFETAC 1026-5 (OLA) REVISED REVIOUS EDITIONS OF THIS FORM ARE

# **PSYCHROMETRIC SUMMARY**

VANCE AFB OKLAHOMA/ENID 42-46,48-70,72-75 DCT

PAGE 2 0600-0800 HOURS (L. S. T.)

Temp.						WET	BULB	TEMPER	RATURE	DEPRES	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 23	3 24	25 - 26	27 - 28	20 - 30	2 31	D.B. W.B.	Dev Bulb		Day Par
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6/ 5		1	i			<del></del>	<del> </del>			<del> </del>						<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	
TOTAL	5.	30.1	28.1	18.6	9.6	5.0	2.3	.7	4	. a		1	Ĩ	.0		ĺ	1	[	2669	1	266
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Element (X)		Σχ²	= -		Σχ	_	<u>x</u>	σχ		No. Obs							ours wit	h Tempera	ture		
Rel. Hum.		1592	7068		2016	92	75.8 53.9 49.8	15.5	80	266	51	± C F	_ ≤	32 F	≥ 67		≥ 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb		795	9668	<b> </b>	1437	82	53.9	8,9	55	266	59			•7		. 5	• 9		1		9
Wet Bulb			4956		1326	10	49 . 8	8.8	60	266	52		T	2.1		. 8	• 1				9
Dew Point		591	0134		1221	48	45.9	10.7	11	266	52			10.6		.5	• 0	!	_	_	9: 9:

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE CASOLETTE

# **PSYCHROMETRIC SUMMARY**

VANCE AFB OKLAHOMA/ENID

42-46,48-70,72-75

OCT MONTH

PAGE 1

0900-1100 HOURS (L. S. T.)

Tem	. 1						WET	BULB	TEMPER	ATURE	DEPRE	SSION (	F)							TOTAL		TOTAL	
(F)		0	1 - 2	3 - 4	5 - 6	7 - 8						19 - 20		23 - 24	25 - 26	27 -	28 29	- 30	≥ 31	D.B. W.B.	Dry Bulb		Dew Point
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Wet Bu		<u> </u>			<del> </del>													- -		<del> </del>	<del>- </del>		
Dew P	oint															Т.							

FORM 0.26-5 (OL A) REVISED MENDUS EDITIONS OF THIS FORM ARE DISCUSTER BLO 64 OSAFETAC

# **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-70,72-75 OCT

STATION PAGE 2 0900-1100
HOURS (L. S. T.)

Temp.				-					TEMPER											TOTAL		TOTAL	
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Element	(X)		Σχ²	<b></b>	<del> </del>	ZX	<del>'                                    </del>	- X	1 0,	<del>'                                     </del>	No. O	bs.	r'		<u></u>		Mean P	io. of I	fours wit	h Tempera	ture	<u> </u>	4
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Dew Po				37316		1345		47	510.9	26.5		331	<del> </del>	<del></del>	8			.2		<del></del>			- 63

# **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-70,72-75 OCT

STATION STATION NAME

PAGE 1 1200-1400

HOURS (C. S. T.)

Temp.						WET	BULB T	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 20	21 - 22	23 - 24	25 - 26	27 - 28 2		≥ 31	D B. 11.B.	ry Bulb V	et Bulb (	ew Point
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84/ 83		<u> </u>				• 1	• 4	.4	• 4	.9	. 8	• 5	• 4	• 4	• 1			125	1.25	[	
82/ 81		1 1			•9	•3 •5	• 4	• 5	. 8	1.0	. 5	•6	•3		ļ	ļ		142	142	- 1	
80/ 79				• 1	- 1	- 5	. 8	1.1	1.3			•6	• 2	• 0				182	182		
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76/ 75			•1	• 1	.6		. 8		.6	1.1	.5		• 1	•0				173	175	9	
74/ 73			• 2	.4	. 5		1.0	. 7	1.0	• /	, 5		• 2					186	189	23	1
72/ 71			.3		.6	• 6		1.2	1.2	. 5	. 4		_ •0					171	172	102	37
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56/ 55	` "	.5	. 2	.5	. 5	. 5	.6	. 1	.1	'-	ļ	) )		1				86	86	199	167
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30/ 49	• 0		• 5	•3	•4		•0											46	46	195	158
48/ 47	l	. 1	. 4	. 1	.3	. 1				i	l	l i						29	29	130	161
46/ 45		.4	• 1	• 1	. 1	• 1								ĭ ——				20	20	117	167
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42/ 41		.2	•0	•0	.1													10	10	49	165
40/ 39		• 1	• 1	_ 1								<u> </u>						7	7	26	158
38/ 37			• 1															3	3	10	122
36/ 35		• 1										<u> </u>						3	3	5	96 98
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Element (X)	<b> </b> -	Σχ2		<u> </u>	Σχ		X	σ _x		No. O	)S.							Temperat		<del></del>	
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Dew Point	<u> </u>			L				L								L_		L			

USAFETAC FOLM 0.26-5 (OLA) RIVISIO REVIOUS EURIONS OF THIS FORM ARE OBSOL

0.26.5 (OL A)

### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID

STATION STATION NAME

42-46,48-70,72-75

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp.							BULB											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 22	23 - 24	25 - 26	27 - 2	8 29 - 3	0 +31	D.B. W.B.	Dry Bulb	Wet Buib	Dew Point
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28/ 27			Į				1	1		1	l				ĺ	1			}		39
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Element (X)		Σχ²			Zχ		X	0,		No. O	bs.				Mean	No. of	Hours wit	Tempera	ture	<del></del>	
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Dry Bulb		142:	57505	į į	1988	343	70.0	11.0	24		342		十			7.9	40.7	20.	0	.8	93
Wet Bulb			+070		1628	385	57.	8.0	17		35				_	1.4	1.0		1		93
Dew Point		678	39594	1	1350	18	47.6	11,	260	28	35			9.0		2.1	• 0		_		93

### **PSYCHROMETRIC SUMMARY**

13909 STATION VANCE AFB OKLAHOMA/ENID 42-46,48-70,72-75

OCT MONTH

PAGE 1

1500-1700 HOURS (L. S. T.)

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)					TOTAL	T	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 ≥	31 D.B. W.B	· Dry Bulb	Wet Bulb	Dew Point
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96/ 95						. 1					١.	• i			• 0	. 1		9		
94/ 93		<b>-</b>									• 1	• 1	-0		• 1	. 3	•1 19			
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90/ 89								• 0	. 1	1		• 4	• 4	• 4	•4	• 1	6			
88/87								. 1	• 2	. 2	.5	• 4	• 4	.3	• 3	i	6!			
86/ 85						<del>-</del> i	.3	• 4	.3	•3	,6	.6	• 5	• 4	• 1		9:	95		
84/ 83		1 1		į.		. 1	. 4	• 5	.5	+6	1.0	.6	• 5	.4	• 1		13			
82/ 81						•0	.6	• 7	1.1	1.1	,7	• 7	• 6	• 1			150			
89/ 79				• 0	• 0	. 4		1.0	1.1	1.1	. 7	.7	.4			i	177	172		
787 77				• 1	,1	• 7	• 9	1.0	1.0	1.1	• 7	• 8	• 2	•0			18	187		
76/ 75			• 0	• 3	, 3	. 8	1.0	. 8		1.1	. 8	•3	, 2	.1		L_	188		4	
74/ 73		• 0		• 3	, 4			. 8		1.0	, 8	•4	• 1				184		26	
72/ 71		• 0		, 5				1.1	.9	.6	.4		• 0			l_	157		55	
70/ 69	• (			• 5		. 8	, 9	<b>,</b> 5		.9	8 .	• 3					193		92	
68/ 67	• ′			.7		8.		.8	.7	.6		•0					160		153	37
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32/ 31	<u> </u>	1	<u></u>				<u> </u>				<u> </u>								1	78
Element (X)		Σχ²			Σχ		x	<b>σ</b> _x		No. 0	bs.				Mean No.	of Hours	with Temper	otur•		
Rel. Hum.												± 0 f		± 32 F	≥ 67 F	≥ 73	F ≥ 80 F	- 93 1		Total
Dry bulb																				
Wet Bulb																				
Dew Point																				

FORM 0.26-5 (OL A)

FORM 0.26-5 (OL A) REVISED MENOUS EDTIONS OF THIS FORM ARE CESCIFFE JUL 64

USAFETAC

# **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-70,72-75 OCT

STATION STATION NAME PAGE 2 1500-1700

HOURS (L. S. T.)

WET BUL P. TEMPERATURE DEPRESSION (E)

Temp							BULE '											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B. W.B.	Dry Bulb	Wer Bulb	Dew Point
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22/ 21		<del></del>		i	<del></del>		i	i		i		<u> </u>								i	20
20/ 19			ĺ	}	1			}	1				}	1	1		)	İ	1	<u> </u>	79
18/ 17		<del> </del>			<del>                                     </del>		<del>                                     </del>		i ———	i		i		<del>                                     </del>							18 20 9
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10/ 9		1		i		<b></b> -	<u> </u>	i	<del> </del>			<del>                                     </del>						1			3
TOTAL	1.0	5.1	5.4	6.2	6.1	9.6	11.8	11.3	12-6	10.2	7.8	5.2	3.5	1.8	1.3	. 8	• 3	1	2793		2789
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Element (X)		Σχ'			ZX	<u> </u>	X	σ _x		No. Ol	55.	<u> </u>			Mean N	lo. of H	ours wit	h Tempera	fure	<del></del>	<del></del>
Rel. Hum.			1912		1311	48	47.0	20.1	76		89	± 0	F	± 32 F	≥ 67		73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb			6552		197	60	70.7	11.0	72		93	<del>`</del>		<del></del>	60		43.4			.0	
Wet Bulb		940	354		1604	63	70.7	7.8	41	27	189		$\dashv$	•0			1.0		<del></del>		93 93 93
Dew Point			5454		1314	28	47.1	11.2	38		89			10.4		.9		1	1		93
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FORM JUL 64

USAFETAC

# PSYCHROMETRIC SUMMARY

13909 DCT 42-46,48-75 VANCE AFB OKLAHOMA/ENID YEARS STATION NAME PAGE 1

1800-2000 HOURS (L. S. F.)

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION	(F)							TOT			TOTAL	·
(F)	0	1 · 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 -	26	27 - 28	29 - 30	≥ 31	D.B Y	/.B.	Dry Bulb	Wet Bulb	Dew Paint
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88/ 87		l		j				İ			. 1			.	• 0					4	4		
86/ 85		j					• 0	.0	•0	. 2	• 2	•1	• 2	2	• 0					21	21		
84/ 83	j	I	- !	- 1			.1	. 1	.0	. 2	. 2	. 2		2	- 1				1	22	22		
82/ 81					• 1	•0			.2	• 2		2 .1								36	36		
80/ 79	1	1	i	. 1		. 1	.4	.6	.2	• 3		.1	. (							66	66		
78/ 77			1	• 2	•1	.3	• 5	.4	.6	.4	. 4	. 1		!	i			i		75	75		i
76/ 75	Į		. 2	• 2 • 3	•7	.9	. 9	.4	. 4			.0			- 1			1		09	109		
74/ 73		• 0	. 2	• 5	• 5	.7	1.0	.7	•5		1	2 .1		T	$\neg$					24	124	6	
72/ 71	• 0	. 2	• 2	• 5	1.0	1.0	1.1	• 9	. 8	.5		ıļ •0								58	158	20	8
70/ 69	0. 2	• 3	. 9	• 7	1.0	1.5	1.0	• 9	.5	. 3	96	2						1		78	178	52	
68/ 67	. 2	• 4	.7	• 9	1.5	1.6	.7	• 9	.5	,4	<b> </b> • 1	i.		ļ	ļ			1	1	89	189	90	
66/ 65	•2	•7	1.0	1.1	1.0	1.3	.7	• 5	•7	. 1	, (	K	[	T	$\neg$					81	181	128	
64/ 63	. 1		1.0	1.0	1.3	1.2		. 9	5	.0	)			1						93	193	162	79
62/ 61		• 6	.7	1.1	1.2	. 8			.4	•0										57	157	195	
60/ 59	. 1		. 7	1.3	1.3	1.2	1.0		.2			1						]		85	187	214	
58/ 57		1.0	• 9	1.2	1.0		• 7	• 5	. 2											53	154	226	
56/ 55	- 4	1.0	• 5	1.0	1.2	1.3	.7	• 2				1.		İ					1	52	152	229	158
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50/ 49	• 0	-4	1.2	•5	7.5										Πĺ			1		79	79	169	
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26/ 25												1											27
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Element (X)		Σχ'			Σχ		χ	<b>₹</b>	$\Box$	No. O	bs.					Mean	No. of I	lours wit	h Tem	erai	ure		
Rel. Hum.												± 0	F	⊴ 32	F	≥ 67	F	≥ 73 F	≥ 8	0 F	≥ 93 [	:	Total
Dry Bulb																	$\bot$						
Wet Bulb																							
Dew Point																							

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# **PSYCHROMETRIC SUMMARY**

Temp										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	e 31	D.B. W.B.	Dry Bulb	Wet Bulb	
22/ 21 20/ 19																					5 10
18/ 17 14/ 13																					10 10
TOTAL	1.3	8.9	11.6	13.6	14.7	14.9	12.2	8.9	6.1	3.8	2.5	1.0	• 5	• 2				2415	2418	2415	2415
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Element (X)		Σχ'			ZX	<u> </u>	<u> </u>	<u>σ</u> χ	<u> </u>	No, OI	<u></u>	<u></u>			Maar			h Temperat			
Rel. Hum.			6170		1411	80	58.5	19.0	01		14	± 0	F	≤ 32 F	mean r		73 F	× 80 F	≥ 93	F .	Total
Dry Bulb		1007	4440	<b>}</b> -	154	114	63.8	9.4	76		18	0	<del>`-</del>	• 1		.9	17.7	<del></del>		<del>-  </del> -	93
Wet Buib		745	0582	1	1327	24	63.8 55.0	8.0	47	24	15			•3		.5	•2		<del>'</del>	_	- 65
Daw Point			1674	]	1148	20	47.6	110.7	97		15			8.9		.9	• 4	<del> </del>			93 93

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#### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-70,72-75 OCT STATION NAME € 2100-2300 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 84/ 83 82/ 81 ·80/ '79 '78/ '77 () ,1 , 1 21 21 767 75 , 1 51 51 174/ 173 0 49 49 72/ 71 84 84 110 110 12 .111.3 0 168/ 167 . 1 . 1 137 137 56 23 3667 065 155 155 59 41 64/ 63 139 139 85 61 Ō 178 178 123 61 1.7 1.9 160/ 159 170 170 171 85 38/357 163 164 177 112 Ó .8.1.3.1.4 .5.1.1.1.2 3567 155 1.6 1.7 216 166 166 146 3547.53 169 126 126 142 1.2 1.7 152/ 51 153 102 103 145 1507 :49 98 99 141 118 .6 487 47 1,6 83 83 149 144 467 45 51 51 145 133 .447 :43 •4 111 95 119 42 42 42/ 41 24 66 141 24 40/ 39 . 2 15 15 66 106 39 82 136/ 135 . 1 2 22 72 134/ 133 67 8 32/ 31 . 1 3 49 42 :28/ :27 33 267 25 17 0.26.5 24/ 23 22/ 21 11 7 20/ 19 18/ 17 11 6 Element (X) X σx No. Obs. Mean No. of Hours with Temperature USAFETAC ≥ 80 F ≥ 93 F Rel. Hum. 10F ≤ 32 F 2 67 F ≈ 73 F Dry Bulb Wet Bulb Dew Point

### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID

STATION NAME

YEARS

PAGE 2

2100-2300

HOURS (2. S. T.)

Temp.

(F)

0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wei Bulb Dew Point 14/13

TOTAL

13909

YEARS

DCT

MONTH

TOTAL

TOTAL

TOTAL

10-8. W.B. Dry Bulb Wei Bulb Dew Point 14/13

11-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-14 13-

Tenp.							BULB .											TOTAL [		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	4 25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poir
16/ 15 14/ 13																					
14/ 13 DTAL	2.6	15.0	18.8	18.4	17.2	12.4	6.9	4.3	2.7	1.3	.4	•1	<u> </u>	1	i ——	<del> </del>			2001		199
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Element (X)		Σχ²		I	Σχ		X	7,		No. O	bs.				Mean	No. of H	ours wit	h Temperat	ure		
Rei Hum.		249	9540	ã	1329	81	66.6	17,9	66	15	98	<b>±</b> 0	۴	≤ 32 F	≥ 67	7 F	₹ 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb		72	4375	3	1190	)57	59.5	8.9	45	20	001			• 3	21	cfi	6.2		4		9
Wer Bulb		57	5880	o	1060	10	53.1	8.1	95	19	98			7	4	. 2	• (				9 9
Dew Point			1255		94	700	47.4	10.5	911	15	98			8.4	1 2	.0		T			9

# **PSYCHROMETRIC SUMMARY**

AIR WEATHER SERVICE/MAC

13909 VANCE AFB OKLAHOMA/ENIO

42-46,48-59,62,72-75 YEARS

NUN

PAGE 1

0000-0200

Temp.					<del>, ,</del>						SSION (							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8			13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B. C	ry Bulb	Wet Bulb	Dew Poin
72/ 71	i			• 1		.2			ļ	Į	l			ļļ	! !			4	4		
70/ 69				• 1				<u>!</u>	<u> </u>	<u> </u>								7	7		
68/ 67		. 2			• 2				į	į	1	l (						10	10	2	_
66/ 65		• 2			_ • 2			<u> </u>	<u> </u>	<u> </u>								15	15	3	
64/ 63	ļ	. 8		• 5					į	l	l	į į			l i			43	43	6	_
62/61	.2			. 2	• 1			• 1		<b>!</b>								28	28		
60/ 59	• 1	• 5	•6				• 1	ŀ		1		1 1						35	35	44	
58/ 57		• 5		• 4			• 1											37	37	27	
56/ 55	• 2	1.3	.6	• 3	• 4				1	1	!	1 1			] [			61	61	41	39
54/ 53	. 1		.8	.6			• 1	<u>i</u>	<u> </u>	<u> </u>								64	64	35	
52/ 51	.6		1.0	1.0		.1			1			1			1 T	_		69	69		39
50/ 49	.4	1.5	1.2			.9	.1		I		<u> </u>	<u> </u>						125	125	47	43
48/ 47	.7	1.6	1.8	1.9	1.1	• 7					I – –	i		[	I — I			133	133	87	40
46/ 45	. 6	1.4	1.9	1.5	, 9	• 2			1		_							112	112	101	60
44/ 43	• 5	2.5		1.2	.6	• 2												121	121	129	64
42/ 41	. 5		2.3	2.6	. 8	•1	ĺ	!		1	Ì	] ]						146	146	144	
40/ 39	• 5	1.6	1.9	1.8	. 4			i		1								106	106	130	113
38/ 37	. 4	2.0			.2	į	İ	1	1	!	ļ							112	112	130	
36/ 35	4	2.3	2.4	1.6	• 1			Τ	ī	T	i							116	116	133	128
34/ 33	.5	2.5	2.0	. 9	.1			l	l	1	i	]		ł				103	103	124	121
32/ 31	• 2	1.6	1.3	.6	.1			T	i — –	1					i			65	65	129	113
30/ 29	. 4	1.5	1.4	.4	}	Ì	Ì	1	1	1	]	] ]		]	i i		1	64	64	88	126
28/ 27	.4		.5	• 1	i —		<u> </u>	1	1	1							i	36	36	68	
26/ 25		.8		. 1	]	İ	1	1	1	1	ĺ	] ]			ì i		ľ	20	20	51	96
24/ 23	• 1	1.1				<del></del>	i	<del>                                     </del>	, I	1		!			i		<del>                                     </del>	28	28		
22/ 21	.1	.5	.6			ļ	i	1	]	1	l				1		1	20	20	30	
20/ 19		- 9			<del> </del>	<del> </del>	ì	1	1						1		<b></b>	20	20		
18/ 17		. 2				l	1	1			l			į į			i	5	5	75	32
16/ 15		.1	2			<del>                                     </del>	<del> </del>	1	<b>†</b>	1	<b>i</b>	1			ii		<b></b>	4	4	4	24
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12/ 11		<del> </del>		<b> </b>		<del> </del>	<del> </del>	1	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>						<b></b> -	<del>                                     </del>		3	1:
10/ 9		1	1	1	ĺ				]	1	1	1 1		1	) i		]	1			10
8/ 7		<del></del> -	<u> </u>		<del> </del>			<del>                                     </del>	<del>                                     </del>	<del> </del>					<del> </del>			<del>                                     </del>			12
6/ 5		]	Ì	1			]								] ]		]	1 1		1	
Element (X)		Σχ'			Σχ		X	σ,		Х₀. О	·s.				Mean N	lo. of H	ours wit	h Temperatu	10		
Rel. Hum.												± 0 !	F	≤ 32 F	z 67	F	73 F	≥ 80 F	z 93 i	F	Total
Dry Bulb																$\Box$					
Wet Bulb				l																	
Dew Point				i				$\overline{}$											1		

USAFETAC 1084 0.26-5 (OLA) service newcus tonions of this forman

#### PSYCHROMETRIC SUMMARY

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-59,62,72-75 0000-0200 PAGE 2

Temp (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 13 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 27 - 30 | 2 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point 41 3 2/ 0/ -1 4 --2/ --3 -4/ -5 ·-6/ ·-7 TOTAL 6.831.227.920.3 8.6 4.4 • 1 1710 1710 1710 1710 Element (X) No. Obs. Mean No. of Hours with Temperature 124518 73430 67133 58593 72.816.167 42.910.574 39.310.093 1710 1710 1710 Rel Hum. 9513798 ≥ 67 F ≥ 73 F ≥ 80 F < 93 F ≤ 0 F ≤ 32 F Total 90 Dry Bulb 3344276 13,8 1.1 Wet Bulb 2809673 23.4 40.9 90 Dew Point 2257381 34.312.087 1710 90

REVISED MEVIOUS EDITIONS OF 0-26-5 (OL A) FORM JUL 64

### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-75

STATION STATION NAME

PAGE 1 0300-0500
HOURS (C. S. T.)

Temp.						WET	BULB 1	FEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(E)	0	1-7	3 - 4	5 - 6	7 - 8	9 - 10			15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69			• 0	• 1	• 1	•0	•0							i				7	7		
68/ 67	1	• 2	• 1	- 1	• 0	• 0				]				1	)		]	8	8	1	i l
66/ 65		•0	. 1	• 1	• 1	• 2				T								13	13	4	4
64/ 63	0			. 3	! [	• 0				]		1		Ì	ì		}	25	25	8	5
62/ 61	.0	7	. 9	•5						1		i		i			<u> </u>	7.1	47	23	
60/ 59	. 2	. 3		• 2			.1			]	i			l	Ì		1	40	40	33	
58/ 57	• 1	. 8		• 1		• 1	•1			1							1	38	38	46	
56/ 55	. 1		. 5	. 1				·		1				1	1		1	54	54	47	
54/ 53	. 4			• 4						<del> </del>							<del> </del>	72	72	55	51
52/ 51	. 8	1.1		. 2	.7		.0			)		ì		İ	1		1	78	78	57	62
50/ 49	.2			• 9						1							<del> </del>	91	91	53	
48/ 47	.6		1.6	1.4			٥٥			l I								126	126	79	
46/ 45	.3		1.6	2.1						1							<del> </del>	147	147	90	54
44/ 43	. 7		2.6							}	1	\ \ \		1	1	1	Ì	154	154	138	
42/ 41	. 5		1.7	1.5	•6					1				<del>                                     </del>		<del></del>	<del> </del>	145	145	133	90
40/ 39	. 7			1.3			}			1				ì	]	Ì	1	176	176	185	
38/ 37	.5			1.8				l		<del>                                     </del>				<del>                                     </del>	·		<del> </del>	153	153	154	
.36/ 35	.4	3.4	2.4	1.0			ĺ								i	1	1	155	135	180	
34/ 33	.2	3.7	2.9							<del>                                     </del>				<del> </del>		<del> </del>	<del> </del>	158	158		
32/ 31	.3	2.0	3.7	. 2			1			İ	1			1	1	ĺ	1	93	93	186	
30/ 29	• 4	2.4		.5	•0					<del> </del> -		<del> </del>			-			110	111	132	
28/ 27	.5		9	. 1	ا ا	Ì	1	1		ì	1			ì	Ì	Ì	1	68	68		
76/ 25	•1			•0	<del> </del>			<del> </del>		<del> </del>	<del>                                     </del>	<del> </del>		<del> </del>	<del> </del>		<del> </del>	45	45		
24/ 23	.0					i	l	l		İ	1					İ		34	34		
22/ 21	• 1		.3			<del> </del>	<del> </del> -			1	i			<del> </del> -	<del> </del>	<del> </del>	-	33	33	35	
20/ 19	.2				}	ł	}			1	1	i i		1	i	1	l l	17	17		
18/ 17		• 4			<del> </del>		<del> </del>	<del>                                     </del>		+ -				<del> </del> -	<del> </del>	<del> </del> -	<del> </del> -	ii	<del>- î</del> i		
16/ 15	İ	.4	1 1		1	1	1	}		1	1	i			İ		ì	iil	îi		
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6/ 5						<del> </del>	<del> </del> -			<del> </del>	}	<del> </del>		<del> </del>	<del> </del>	<del> </del>		<del> </del>			8
4/ 3	·	l I			1	1			1	1	1		1	1	1			1	!		11
Element (X)		Σχ²	·		z _x	<del></del>	X		<del>'  </del>	No. O	<del></del>	<u> </u>	<u> </u>	Щ	Meas	No. of b	lours with	h Temperat	117.0	·	<del></del>
Rel. Hum.		<u>- x</u>			<u>- x</u>	-		<del></del> -		110. 0	<del>"·</del>	≤ 0	<u> </u>	± 32 F	Meon ≥ 67		73 F	≥ 80 F	× 93	<del>-                                    </del>	Total
Dry Bulb	}_ <del></del> _											= 0		= 32 F	- 0/		- /3 -	1 200 F	- × y3	<del></del>	
Me. Balp	ļ														<del> </del>			<del> </del>	-		
Dew Point	<del> </del>												$\dashv$		<del> </del>	-		<del> </del>			
New Loint																					

#### **PSYCHROMETRIC SUMMARY**

VANCE AFB OKLAHOMA/ENID VGN 42-46,48-75 MONTH 0300-0500 RAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 2/ 1 0/-1 -4/ ·-5 ·-6/ ·-7 TOTAL 7.438.131.515.4 5.8 1.4 2113 2114 2113 2113 No. Obs. Mean No. of Hours with Temperature

≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Element (X) 160183 75.814.837 86682 41.010.453 80152 37.910.134 2113 2114 2113 12608147 160183 ± 32 F } 3785180 37 7292 18.2 28.5 90 Dry Bulb 90 Wet Bulb •0 Dew Point 2679705 70883 33.511.955 90 44.0

0.26-5 (OL A) BEVISED MEVIOUS EDITIONS OF THIS FORM ARE CISCOLETE

USAFETAC FORM 0.26-5

# **PSYCHROMETRIC SUMMARY**

	13909	VA	NCE	AFB (				D			42-	4 ر 46	8-75				_				NC MON	3V
	STATION				ST	ATION N	ME								24	ARS			PAGE	1	0600-	-0800
ſ	Temp.						WET	BUL B	TEMPER.	ATUR	E DEPR	ESSION (	(F)						TOTAL		TOTAL	
	(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 2	4 25 - 26	27 - 28 2	9 - 30	≥ 31	D.B. W.B. C	Ory Bulb	Wet Bulb	Dew Point
	68/ 67		. 2	• 2	•0	• 0					1	1	T		1				13	13	1	
1	66/ 65	Ì	. 2	. 2	• 0	. 1			! i		o	1	]	ì	1 1		Ì	ì	13	13	5	6
- 1	64/ 63	• 1	.5	.5	• 1		•0				1	1	<del></del>		1				32	32	15	6
	62/ 61	1	. 8	. 6	. 2	. 1		.0			ļ	ŀ		•					43	43	18	17
ı	60/ 59	- 1	. 5	•5	• 2	• 1	•1					1	i		1				39	39	43	23
1	58/ 57	. 2	. 7	• 5	• 2	• 1	• 0	.1	} }			}	Ì	1	1 1	]	ì	Ì	46	46	43	37 أ
	56/ 55	.3	• 9	.6	.5	• 2	• 2							l					71	71	36	33
	54/ 53	. 3	1,7	.6	• 2	. 3		.0				1							81	81	68	54
	52/ 51	.3	1.5	. 8	• 5	• 5	• 0					]							98	99	75	71
1	50/ 49	• 2	1.2	1.2	• 9	• 5	. 2		] ]			1	1			1			110	110	75	68
- 1	48/ 47	.5	1.6	1.5	1.4	• 4	• 3	.0			T	1	T						148	148	89	54
	46/ 45	. 1	2.0	1.9	1.4	.7	• 2	1				Į			]	{			163	163	102	72
	44/ 43	.7	1.9	.2.4	1.3	. 8	• 2								1				185	187	162	89
	42/ 41	.7	3.0	3.0	1.9	• 6					İ					l	- 1		242	242	161	115
	40/ 39	.5	2.2	2.6	1.0	.3													172	172	210	133
	38/ 37	• 2	3.6	2.6	1.1	. 3							ľ						200	200	220	127
	36/ 35	• 2	3.4	2.6	• 9	• 1						1					i		190	190	234	172
	34/ 33	. 2	3.8	.2.7	• 7														193	193	188	
	32/ 31	. 5	3.2	1. 6 53	#4	•0							T		1				147	147	242	210
	30/ 29	. 4	2.3	100	• 3			1			l	1	Į.	į		[ [			113	113	163	194
	28/ 27	. 3	2.3	1.3	• 1				i				i			i			105	105	147	157
	25/ 25	. 2	1.4	-5	. 1			ĺ	[ [				-				i		60	60	88	183
	24/ 23	a	.9		• 0			<del></del> -						i —	1				36	36	73	132
	22/ 21	[	. 9	.3								1				li			32	32	38	102
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	18/ 17		.3	. 1							1	1	i	l					11	11	31	74
	16/ 15		• 2	.1				i			<u> </u>	1	1	<del>                                     </del>	1				7	7	8	54
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	4/ 3					i	l — —				<del></del>	1	1	1		<del>                                     </del>			i			10
Š	2/ 1					]	]	]	l i	Ì	1	ì		1	1	1 1	į		1	ļ	, ,	6
•	Element (X)		Σχ²	`		ZX		X	σ _x		No. O	bs.		•	<u> </u>	Mean No	o of Ho	urs wit	h Temperati	V16		
	Rel. Hum.								T	_			± 0	F	≤ 32 F	≥ 67 8	- 1	73 F	≥ 80 5	₹ 93 F		Total
	Dry Bulb			i					1	_						<del>                                     </del>	$\top$		i	1	_	
	Wet Buib								1					_			1			1		
	Dew Pount								!							<del> </del>			<del> </del>	1		

FORM 0.26-5 (OL A) REVISED MEYOUS EDITIONS OF THIS FORM ARE OBSOL

USAFETAC FORM 0.26-5 (0)

Dew Point

FORM 0.26.5 (OL A)

USAFETAC

# **PSYCHROMETRIC SUMMARY**

3909 STATION	<u>V</u>	NCE	AFB	OKLA	HOMA	/ENI	D		<b></b>	42-	46,4	8-75			EARS						DV
																		PAG	E 2	0600 HOURS (	-0800 s. T.)
Temp.								EMPERA										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 1	5 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 20	27 -	28 29 -	30 ≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Por
0/1		İ																			
-4/ -5 OTAL	6.0	42.5	30.9	13.7	5.2	1.4	.2		•0										2595		259
																		2592		2592	
															<del>                                     </del>						
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Element (X)		Σχ²	<u> </u>		Σχ		Ţ Ž	σ _χ	$\overline{}$	No. Ob		<u> </u>	<u></u>	<u></u>	Med	n No. of	Hours w	ith Tempera	ture	<u></u>	<u> </u>
Rel. Hum.		155	41089	7	1971	185	76.1	14.44	41	25	92	≾ 0	F	≤ 32 F		67 F	≥ 73 F	≥ 80 F	z 93	F	Total
Dry Bulb		45	+087		1052		40.6	20.22	29	25	95	ļ		19.	2	• 5			_		9
Wet Bulb			1542		973		37.6	9,9	58	25	92	<u> </u>		29 •		•0			_		9
Dew Point		327	2094	/	861	LLL	33.2	11.79	<i>9</i> 0	25	92	L	• 2	45.	2						<u> </u>

#### **PSYCHROMETRIC SUMMARY**

VANCE AFB OKLAHOMA/ENID 42-45,48-75 YEARS STATION NAME PAGE 1 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 80/ 79 76/ 75 74/ 73 .0 .d 23 23 70/ 69 33 33 68/ 67 57 57 •3 •2 .66/ .65 . 1 68 68 17 6 641 .63 73 73 12 62/ 61 39 110 60/ 59 39 151 58/ 57 . 9 .6 . 4 56 1.1 152 56/ 55 58 54/ 53 .8 1:3 .9 1.5 . 2 104 62 52/ -51 180 108 180 .8 1.5 50/ 49 196 154 78 196 48/ 47 . 2 198 185 106 198 1.4 1.6 46/ 45 • 0 181 181 234 98 44/ 43 179 260 .6 1.3 .3 1.8 1.5 .9 1.7 1.0 178 42/ 41 .4 232 186 186 40/ 39 139 1.39 215 189 38/ 37 1.1 1.8 1.3 1.39 139 207 151 35/ 35 125 128 159 189 1,7 1.3 34/ 33 111 172 .203 . 6 111 32/ 31 57 57 174 199 30/ 29 37 37 89 219 47 37 37 .1 32 26/ 25 .5 . 5 32 49 115 23 12 32 119 22/ 21 10 10 23 86 • 1 20/ 19 6 6 18 67 .0 18/ 17 61 2 16/ 15 .0 55 14/ 13 33 12/ 11 16 ΣX 7 Ø 8 No. Obs. Element (X) Mean No. of Hours with Temperature Rol. Hum. ± 32 F ≥ 67 F ≥ 73 F × 80 F Total Dry Bulb Wet Bulb Dew Point

(OL A) ISED MEYIOUS EDITIONS OF THIS FORM ARE OBSOL

ETAC FORM 0-26-5 (OL A)

1

#### **PSYCHROMETRIC SUMMARY**

VANCE AFB OKLAHOMA/ENID NOV 42-46,48-75 0900-1100 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bui Wet Bulb Dew Point (F) 10/ 9 16 8/ 8 6/ 5 13 0/ 8 1 ·-2/ --3 --6/ --7 -8/ -9 -12/-13 TOTAL 3.416.222.421.016.710.9 5.5 2.4 1.2 2820 2820 2820 Ī. Element (X) ΣX² ΣX No. Obs. Mean No. of Hours with Temperature

2820 2824

2820

2820

≤ 0 F

≤ 32 F

6.3

14.2

37.4

≥ 67 F ≥ 73 F

4.0

∗ 93 F

90

90

64.018.153 48.010.807

42.4 9.605 35.411.841

12464149 6837376

5321600

3928685

O45 O a 60

0.26.5 FORM JUL 64

Dry Bulb

Wet Bulb

Dew Point

(

VANCE AFB OKLAHOMA/ENID

# **PSYCHROMETRIC SUMMARY**

NOV

STATION				ST	ATION NA	ME								YE	ARS					MOM	TH
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																		FAU	- ^	HOURS IL	
<del></del>						wer			171105	25000	551011							1====			
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(F)		1 - 2	3 - 4	5 · 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	0.0. 11.0.	Dry Buib	Wet Build	Jew Point
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70/ 69	]	• 0	• 0	.3	. ઇ	. કો	. 5	8 ء		.4	.4	•0		Ì	]	]	]	123	123	4	
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62/ 61	. 1	. 1	. 1	. 4	• 5	1.0	1.0	1.1	, 9	. 1	!	ļ			!			148	148	71	42
50/ 59	.0		•4	.7	. 8		1.1	.1.5			i —					<b></b>	i	182	182	113	41
58/ 57	. 2		. 3	. 5	. 6	1.1	1.7	1.2	. 2		į į						l	166	166	131	49
56/ 55	• 1	• 4	• 4	7	. 9	2.0	1.6	.8	.1					i	<del> </del>	i	<del> </del> -	201	201	139	59
54/ 53	• q		. 6	. 5	1.3	1.2	.7	. 6								•	ļ	153	153	157	75
52/ 51	1	• 4	• 2	1.0	1.1	1.7	67	• 2					<del></del>				<del>                                     </del>	154	154		95
50/ 49	. 2	. 5	. 3	.7	1.1	1.3	.6	.0			1	j	İ	1	j	1	1	138	138		92
48/ 47	. 2	•3	• 5	• 7	1.1	1.0	• 6		.0				<del> </del>	<del> </del>	<del> </del> -	<del> </del>	<del>                                     </del>	128	128		97
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44/ 43	4		- 7	1.2	.6	3.	.1		<del> </del>	<del>                                     </del>			<del> </del>	<del> </del>				130	131	210	156
42/ 41	. 2		1.0	7	1.1	. 3			1	}	İ	1	ł	ì	1	ì		110	110		164
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38/ 37	.0			.6		.1	i			ļ	İ	Į.	l			1	1	81	é i	148	166
36/ 35	-1		.5	.6						<del>}</del> -		<del></del>		├	<del> </del>		<del>}</del> -	63	63		172
34/ 33	. 1		. 2	. 5	. 2				ĺ		ł	Ì		1	İ			45	45		186
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24/ 23									<del> </del>	<del> </del>	<del> </del>			<del> </del>	<del>├</del> -			4		26	127
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18/ 17		1 -4										}		1	1	1	<b>[</b>	1 <u>1</u>	•	1	25 47
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Element (X)		Σχ²			Σχ		<u>×</u>	₹ ×		No. 0	···			- 22 5	·	<del></del>		h Temperat			
Ref. Hum,												± 0	<del>-  -</del>	≤ 32 F	≥ 67	<u> </u>	73 F	≥ 80 F	2 93	<u> '</u>	otal
Dry Bulb															<del> </del>			╂	-		
Wet Bulb																-		<del> </del>	-		
Dew Point				<u> </u>					L_						ــــــــــــــــــــــــــــــــــــــ			<u></u>			

42-46,48-75

USAFETAC FORM 0.26-5 (OLA) REVISED MEVIOUS EDITIONS OF THIS FORM ARE O

### **PSYCHROMETRIC SUMMARY**

13909 STATION	_ <u>v</u>	ANCE	AFB	OKLA	AMOHA	/ENI	<u>D</u>			42-	4694	8-7 <u>5</u>	5	YI	ARS							VO
																		PA	GE	2	HOURS (	-140
Temp.						WET	BULS	TEMPER	ATURE	DEPRE	SSION	(F)						TOTAL	. T		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	24 25 - 26	27 - 28	29 .	30 ≥ 31	D.B. W.E	3. Dry	Bulb	Wet Buib	Dew Po
16/ 15																						3 2
12/ 11 10/ 9																		<b>-</b>	$\top$			2
8/ 7								<del>                                     </del>						1			1		1			
-6/ 5 -4/ 3 2/ 1			 														1-	†	1			ļ
0/ -1								<del>  -</del> -								†		1	-			
TOTAL	.2.	4 8,1	9.6	13.5	14.3	16.5	12.6	10.4	6.0	3.6	2.1	• 6	•	0 .0	• :		-	282		830	2830	283
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Element (X)		Σχζ			Σχ		X	σ _x		Ne. O					Mean	No. o	f Hours w	ith Tempe	rature			
Rel. Hum.			2225		1492	67	52.8	19,7	58		28	_ ₫ 0	F	≤ 32 F	≥ 6		≥ 73 F	≥ 80 1		≥ 93 1	F	Total
Dry Bulb			7488		1553			11.8			30		$\Box$	2.5		5 67	5.	ò	.4			
Wet Buit			7558		1303	82	46,	9.4	13	28	30			7.0		.4						
Daw Point	1	411	2856		1025	5 8		211.9			330		• 2	35.8		.1						9

USAFETAC FORM 0.26-5 (OL. A) REVISED MENIOUS EDITIONS OF THIS FORM ARE OSSOCIFE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13909	VA	NCE /	AFB		AMOH		υ			42-	46,4	8=75			ARS					NC MON	
STATION				>1	ATION N	*ME								76	AKS			PAGE	1 .	1500-	-1700
Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 4-1	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.8. W.B.	ry Bulb	Wer Bulb	Dew Poir
86/ 85															.1			2	2		
84/ 83		[	l								٥,				!l			1	1		
82/81				į							. 1	• 1	• 0					5	5		
80/ 79								1	.1			•2	• 1					14	14		
78/ 77		1	1				. 2		• 1	• 1	, 3	• 2	• 0		<b>,</b> }			29	29		
76/ 75				- 0		• 5	. 4	•2	.3	.3	• 3	- 4						-60	60		
74/ 73 72/ 71	İ	1		.0	ار	.3		•3		•	• •	• 1	i	Ì	}			60 98	98		
70/ 69		0		<u>. 2</u>	• 4	- 5	• 4		;7		- 2				<del>  </del>			129	129	1	
68/ 67	Í	• 9	.1	4	.6	.5	1.Ô		.5		• 4	• 1						142	142	6	
66/ 65	<del></del>	• 1	.3	• 3	• 7	~			.9		, 1				<del>  </del>			157	157	30	
64/ 63	. 1	.0	.3	.3	7	. 8	.8		. 8		i	' l			ii			140	140	65	
62/ 61		• 1	. 3	• 6				1.0	1.0					<u> </u>			<b>-</b>	143	143	65	1
60/ 59	• 0	. 3	. 3	. 4	.6			1.5	,7	•					]		}	186	186	92	5
58/ 57	• 1	• 1	• 4	.6	, 9	1.0	1.8	1.3	.3			i						179	179	146	4
56/ 55	.2	. 4	. 4	. 4	1.0	1.8	1.3	1.0	•3									184	184	183	6
54/ 53	• 0	- 5	• 5	• 5				• 3				į						155	155	167	6
52/ 51	<u>•q</u>	. 3	. 3	. 8		1.3		•0										148	148	181	9
50/ 49	. 2	• 7	• 5	• /						1		i		}	\ \		•	152	152	202	10
48/ 47	- 3	- 4	7	. 9	-	1:1	.3	•0		<u> </u>					<b>i</b>		ļ	131	131	237	12
46/ 45	• 1	.5	. 8	1.1	• (	1.0			•						<b>!</b> !		<b>\</b>	125	126	245 241	12
42/ 41	- <del>:3</del>	5	1.0														<b> </b>	108	108	192	17
40/ 39	. 1	.6	7		.6							1		}	} }		\	94	95	160	14
38/ 37	• 2	-4	- 8	. 5						<del> </del>				<del> </del>	<del>   </del>		<del> </del>	59	59	153	13
36/ 35	• d	. 9	. 6	, 5					ĺ			1			i i		ļ	66	66	129	20
34/ 33	-1	• 4		.3	• 2		<del> </del> -	<del></del>		<del>                                     </del>				<del>                                     </del>	<del>  </del>			35	36	103	20
32/ 31		. 1	. 3	• 5	.3					]					i i			35	35	69	18
30/ 29	• 2	• î	• 1	• 2	• 0		Ţ <u> </u>											20	20	34	19
28/ 27	•0	• 2	• 3	• 1					<u></u>									17	17	28	15
26/ 25	• 1	• 1	• 2								-							11	11	34	13
24/ 23			• 0		<b> </b>		<u> </u>		<u> </u>	ļ					<del>                                     </del>			2	2	18	9
22/ 21		j	•0						İ								i	1	1	8	10
20/ 19		F			<u></u>	L.,	<u> </u>		<del></del>	<u> </u>	<u> </u>	لـــــا		<u> </u>	إحبا		<u></u>	<u> </u>		2	4
Rel. Hum.		Σχ'			z _x		<u> </u>	- F		No. O	)s.			1 32 F	Mean N ≥ 67			Temperate	≥ 93 F		otal
Dry Bulb								<del> </del>				± 0 F		3 32 F	- * 0/	<del></del>	73 F	≥ 80 F	2 73 F		0101
Wet Bulb																			<del> </del>		
				ــــــــــــــــــــــــــــــــــــــ				٠											.}		

#### **PSYCHROMETRIC SUMMARY**

NOV

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-75 YEARS 1500-1700 HOURS (L S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 | D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 32 18/ 17 16/ 15 14/ 13 50 19 27 12/ 11 9 14 9 10/ 8/ 5 6/ 3 4/ 2/ 1, -2/ -3 --4/ -5 2.6 7.5 9.612.414.215.414.210.1 6.8 3.6 2.d TOTAL 2793 2796 2793 2793 Element (X) Σχ² Zχ No. Obs. Me un No. of Hours with Temperature 8739530 8937713 145926 154611 52.219.987 55.311.785 2793 2796 2 67 F 2 73 F 2 80 F 17 4 5 5 6 ≤ 32 F ≥ 93 F Rel. Hum. 10F Total 90 2.8 Dr, Bulb 2793 2793 6223185 4063973 46.3 9.222 36.311.759 6.3 34.7 Wet Bulb 129299 90 Dew Point 101353 90

IHIS FORM ARE CRESHETE REVISED MEYIOUS EDITIONS OF 0.26-5 (OL A) FORM JUL 64 USAFETAC

# **PSYCHROMETRIC SUMMARY**

VANCE AFB OKLAHOMA/ENID NOV 42-46,48-75 1800-2000 HOURS (L. S. T.) RAGE 1

T	_						WET	DIII B 3	TEMPER.	ATIIDE	DEPPE	SSION	(E)						TOTAL	<del></del>	TOTAL	
Temp. (F)	-	0	1 - 2	3 - 4	5 - 6	7 - 8			13 - 14					23 - 24	25 . 26	27 - 28	29 - 30	> 31		Cry Sulb		Dew Point
78/ ?7	7	<del>-</del>	<del></del> -	-		<del>,.,</del>	7-10	11 . 12	13 - 14	13 + 10	17 - 10	17 - 20	121-22	•0		27 - 20	27 - 30	† <del></del>	<u> </u>	1	-	
76/ 75	٠,	Ì	1		j	Ì	•d	• 0			.0				1			1	3	3		l i
74/ 73							1		• 0		.0		<del> </del>		<del> </del>	<del> </del>		<del> </del>	- 5	5	<del></del>	
72/ 71			- 1		i	. 2	. 1		· O	.0		.0	J.	1					10	-		
70/ 59				• 0	.1	• 1	2	•0	<del></del>	•1			<del>}</del> -	-	<del> </del>	<del> </del>			17			
68/ 67		ł	. 1		.3	4	.3	.1	.2	i	.1							ĺ	38			
667 6!	5		• 1	.6	•6	• 3	- 3	.3		• 1	j			i	1	<del>                                     </del>	<b></b>	i	67	67	8	3
64/ 63		. 1	•1	. 8	• 4	.5	£. 8.	.5	• 4 • 3	.0	ļ				1	1			83	83		
62/ 6	1	-	•3	.6	• 4	• 7	• 5	• 5	.3	0 و				1	i —	1		<u> </u>	80	80	33	8
60/ 59		٥d	. 4	. 8	. 8	1.q	1.0	• 7	.4	. 1			1		1			ļ	122	122	64	33 47
58/ 5		.1	.3	. 8	1.0	1.4	1.0	1.2							i				144	146	54	47
56/ .5!			. 6	. 7		. 8	1.5	1.0			1		1	1		ļ		ļ	142			52
54/ 53		• 0	.7	• 8	• 9	1.1	1.6	1:1	. 1					i					150	150	110	
52/ 51	1	. 1	۶,	1.0	1.3	1.4	1.1	• 5	] ]		ļ	Ì	1	]	Ì	1	1	]	151	151	124	53
50/ 49	9	• 4	.8	1.4	1.8	2.3	1.9	. 2			Ī							ĺ	205			75
48/ 47	7	•3	• 9		1.7	. 1.7	8	.1				İ			i				154			
46/ 4!		• 3	• 9	1.7	2.5	1.8	1 • 1	• 1								i			198			
44/ 43	1_	- , 6	.7		1.7	. 8	.5	•0			<u> </u>		L	l		l	l		136	136		
42/ 4		. 2	, 9	2.0	1.3	1.3	» 24						1	i	1	T			140	140		
40/ 39		.2	- 8	1.8	1.3	. 8	• 3				L		<u> </u>		<u>.                                    </u>	L			122	122		
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Rel. Hum.	_ļ_												± 0	F	≤ 32 F	≥ 67	<u> </u>	73 F	≥ 80 F	<u> • 93</u>	F	Total
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Wer Bulb	_ _						_ _			_				_ _		<u> </u>			ļ			
Dew Point	$\perp$												Ĺ	L_			!_		<u> </u>		L_	

VANCE AFB OKLAHOMA/ENID

13909

#### **PSYCHROMETRIC SUMMARY**

NOV STATION YEARS 1800-2000 PAGE 2 HOURS (L. S. T.) | WET BULB TEMPERATURE DEPRESSION (F) | TOTAL | TOTAL | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 3 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point (F) 10/ 6 8/ 13 6/ 5 8 3 4/ 23 2/ 1 0/ -1 -3 2 ·<del>~</del>2/ -4/ -5 2 --6/ -7 2355 TOTAL 2358 3.d13.d21.120.718.d13.4 6.5 2.3 <u>.</u> C 2355 2355 No. Obs. Element (X) χ Mean No. of Hours with Temperature 147687 114784 100735 62.717.892 48.710.293 42.8 9.185 35.611.524 2355 10015337 Rel. Hum. ±0 F ± 32 F ≥67 F | ≥ 73 F | ≥ 80 F ₹ 93 F Total Dry Bulb 5837244 4507537 5.8 11.5 90 90 2358 2.8 Wet Buib 2355 3290980 36.4 90 Dew Point 83750

42-46,48-75

THIS FORM ARE MEYIOUS EDITIONS OF a õ 0.26.5

#### **PSYCHROMETRIC SUMMARY**

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp D B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 74/ 73 72/ 71 73 . 1 70/ 69 6 <u>.</u>1 68/ 67 .3 .5 .3 32 45 32 2 361 65 . 2 64/ 63 45 19 62/ 61 29 29 59 53 54 33 60/ 17 58/ 57 84 84 43 41 84 107 36/ 55 84 28 54/ 53 40 41 107 69 52/ 51 97 97 38 1.2 1.5 1.7 2.0 50/ .8 132 79 45 49 1.3 132 1.6 143 112 48/ 47 143 42 1.7 2.1 • 4 2.1 46/ 45 176 176 143 80 143 95 44/ 43 143 164 42/ 41 2.5 146 146 166 107 1.3 2.6 120 40/ 39 1.3 . 1 120 150 113 38/ 37 1,8 •7 110 110 180 115 • 1 36/ 35 94 94 132 136 1.0 34/ 33 84 84 126 123 .6 32/ 31 158 53 131 53 30/ 29 43 167 28/ 27 27 27 60 106 . 1 26/ 25 1.0 39 39 46 103 55 67 29 24/ 23 22/ 21 .5 17 16 20/ î0 10 65 19 18/ 17 . 1 13 35 • i 25 16/ 15 25 18 14/ 13 12/ 11 12 7 107 8/ ΣX, No. Obs. Mean No. of Hours with Temperature Elemant (X) ≤ 32 F 267 F | 273 F | 280 F Total Dry Bulb Wet Bulb Dew Point

TAC FORM 0.26-5 (OL A) BEVISTO MENOUS FORTONS OF THIS FORM ARE OBSO

# **PSYCHROMETRIC SUMMARY**

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# **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID

42-46,48-59,65,67,70,74 YEARS DEC

RAGE 1

0000-0200

Temp.							WET	BULB 1	EMPER	ATURI	DEPRE	SSION (	F)						TOTAL TOTAL			
(F) -		0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb		Dew Point
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### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-59,65,67,70,74 DEC

STATION NAME

PAGE 2 0000-0200

HOURS (L S T.)

(F) 0 4/ -5 6/ -7 8/ -9 TOTAL 12.14	41.2							15 - 16	17 - 18	19 - 20	21 - 22 23	8 - 24 2	25 - 26	27 - 28	29 - 30	= 31	1674	1674	Ver Bulb	Dew Point 6 2 1 1674
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# PSYCHROMETRIC SUMMARY

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-72,74

STATION STATION NAME

PAGE 1 0300-0500
HOURS (C. S. T.)

Temp.						WET	BULB	EMPER	ATURE	DEPRE	SSION (	F)							TOTAL	Ī	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 2	5 27 -	28 2	9 - 30	≥ 51	D.B. W.B	Dry Bulb	Wet Bulb	Dew Point
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46/ 45	• 4	. 7	. 3	. 8	.4	• 2									7-				58	59		34
44/ 43	. 7	.7	• 9	. 6	.3	• 0			Ì		ĺ		1						66			42 23
42/ 41	•6	1.2	1.2	.7		.0													82	82	68	23
40/ 39	۰5	1.5	1.8	1.5									l						120	120	76	<u>45</u>
38/ 37	.4	2.3	2.5	1.1	• 1								1		$\top$				129	129	99	49
36/ 35	. 5	4.3	3.1	1.3											Ĺ			]	186		131	66
34/ 33	.9			• 9														i	177	177	201	122
32/ 31	.7	5.7	4.3	• 7								İ							231	231	180	128
30/ 29	.9		1.4	.3														1	197	198	253	158
28/ 27	. 9	4.3	1.2	. 2			_	L	<u></u>	<u> </u>	L	l	l	l				l	134			169
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# **PSYCHROMETRIC SUMMARY**

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FORM JUL 64

Dew Point

### **PSYCHROMETRIC SUMMARY**

VANCE AFB OKLAHOMA/ENID 42-46,48-74 13909 DEC STATION NAME 0600-0800 PAGE 1 HOURS (L. S. T.) TOTAL Temp WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 13 17 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 ≥ 31 D.B W.B. Dry Bulb Wet Bulb Dew Poin (F) 62/ 61 60/ 59 .0 .4 16 16 58/ 57 23 23 56/ 55 13 13 18

.0 8 11 54/ 9 53 • 1 .0 10 10 •c 52/ 51 26 26 .1 19 28 50/ 49 . 6 28 27 48/ 47 37 .6 51 52 . 6 46/ 45 70 • 4 70 49 37 44/ 43 78 78 34 32 42/ 41 1.0 82 83 59 39 40/ 39 1.6 • 3 1.3 112 89 111 36 2.5 38/ 37 2.1 166 166 104 52 36/ 35 .6 5.2 1.0 238 239 145 76 .7 4.0 3.4 .6 5.5 4.4 3.4 33 251 34/ 220 140 . 5 221 229 32/ 31 271 274 145 1.0 30/ 29 6.0 2.3 .2 239 239 284 233 4.5 3.2 3.3 1.4 28/ 27 , 2 191 191 321 182 .9 26/ 25 1.3 136 136 173 237 24/ 23 116 116 123 239 .8 .4 .9 4.0 155 22/ 21 141 142 185 • 7 1.8 20/ 19 117 150 63 63 17 1.5 <del>73</del> 143 119 18/ 62 62 16/ 15 1.6 . 1 55 55 55 . 9 31 84 14/ 13 31 43 را1 ء 12/ 11 21 21 65 33 .4 21 21 16 61 8/ 7 46 40 16 16 6.7 5 12 12 16 9 41 3 13 16 27 1 1 14 0/ -1 20 -2/ -3 6 -4/ -5 10 Element (X)  $\Sigma_{X^2}$ Ī No. Obs. Mean No. of Hours with Temperature ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum ± 0 F Total Dry Bulb Wet Bulb

# **PSYCHROMETRIC SUMMARY**

13909	<u>V</u>	NCE	AFB	OKLA	HOMA	/ENI	D	<del></del>		42.	46,4	8-74			ARS						EC_
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TAC FORM 0.26-5 (OLA) REVISEO MENOUS ECTIONS OF THIS FORM ATE CASO

### **PSYCHROMETRIC SUMMARY**

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51 A (108				31	A110N N	AME								,,				PAGE	1	0900-	-1100
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THIS FORM

(OL A)

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Wet Bulb

Dew Point

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#### PSYCHROMETRIC SUMMARY

93

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-74 DEC 0900-1100 Hours (L. S. T.) PAGE 2 Temp WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 | D.B. W.B | Dry Bulb | Wet Bulb | Dew Point 2/ 1 0/-1 19 •0 9 -2/ -3 -4/ -5 447

-6/ -7 -8/ -9 -10/-11 6 3 -12/-13 TOTAL 2751 6.930.628.417.7 9.7 4.6 1.4 2758 2752 2752 Element (X) No. Obs. Mean No. of Hours with Temperature 2750 2752 2752 68,717,270 Rel Hum. 13797123 188911 ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total ± 0 F 4095619 327871: 37,010,688 9 Dry Bulb 29,4 102127 •0 93

2751

42.9

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91361 33.2 9.451 74019 26,911,017

# **PSYCHROMETRIC SUMMARY**

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Temp										E DEPR								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 10	6 17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B. D.	y Bulb 1	Wet Bulb	Dew Po
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USAFETAC FORM 3.26-5 (OLA)

EDITIONS OF THIS

3.26.5 (OL A)

#### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID 42-46,48-74 DEC

STATION STATION TAME YEARS PAGE 2 1200-1400
HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | * 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 16/ 15 .3 .3 19 29 75 19 14/ 13 12/ 11 . 1 • Q 44 10/ 9 31 ٠ġ 40 8/ 26 8 6/ 4/ 3 2- 10  $\frac{-2}{-4}$ 335 -6/ -7 -8/ -9 3  $\frac{-10/-11}{-12/-13}$ 3.616.716.119.d17.212.1 7.3 3.8 2.1 1.2 TOTAL 2762 2762 2762 Σχ² No. Obs. Element (X) X Mean No. of Hours with Temperature 10365876 5745622 4154224 58.119.576 43.912.181 37.6 9.643 28.611.029 160338 121542 2762 2769 Rel Hum ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 93 Dry Bulb 17.2 1.8 • 5 103754 93 Wer Bulb 2762 26.6 2762 Dew Point 2595483 79001 60.3 93

# **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB DKLAHDMA/ENID 42-46,48-74

STATION STATION NAME

PAGE 1 1500-1700
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# **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB ÜKLÄHOMA/ENID 42-46,48-74

STATION STATION NAME

PAGE 2 1500-1700
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#### **PSYCHROMETRIC SUMMARY**

VANCE AFB OKLAHOMA/ENID 42-43,48-74 DEC PAGE 1 1800-2000

WET BULB TEMPERATURE DEPRESSION (F) Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 1. - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 76/ 75 • 0 74/ 73 72/ 71 70/ 69 .0 58/ 67 66/ 65 90 ٠q 62/ 61 60/ 59 30 30 58/ 57 56/ 55 47 47 16 10 54/ 53 47 29 51 36 50/ 49 103 103 36 48/ 47 116 26 46/ 45 151 161 84 .8 2.1 2.5 1.2 3.6 3.1 1.2 2.5 2.4 1.8 3.4 2.4 2.2 2.3 2.0 2.1 2.5 .9 158 158 118 42/ 41 209 209 157 39 84 40/ 157 157 222 38/ 37 86 183 183 220 36/ 35 34/ 33 32/ 31 165 165 157 .0 192 191 131 134 2.4 2.0 122 122 188 200 30/ 29 1.6 92 143 180 28/ 27 26/ 25 1.5 94 94 114 185 60 107 60 184 .5 41 39 24/ 23 75 159 41 22/ 21 20/ 19 54 39 133 • 0 19 .3 .6 22 22 31 85 18/ 17 19 15 73 16/ 15 14/ 13 12/ 11 17 17 35 63 12 32 No. Obs. Element (X) Mean No. of Hours with Temperature ≥ 67 F ≥ 73 F Rei. Hum. # 0 F ≤ 32 F ≥ 80 F ≥ 93 F Dry Bulb Wet Bulh

VANCE AFB OKLAHOMA/ENID

# **PSYCHROMETRIC SUMMARY**

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Element (X)		Σχ²			ZX		X	<b>₹</b>		No. O								h Tempero			
Rel. Hum.		1057	11694		14.74	04	67.2	17.3	67	21	92	⊴ 0		≤ 32 F	≥ 67		≥ 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb		,355	5216	<b></b>	859	106	39.1	10.2	67	121	97			2268		•4				_	9
Wet Bulb		.284	2870	3	76	38	3489	.80	78	. 21	94.			13442	<u> </u>	_		<u> </u>	_		19
Dew Point		.200	1809	1	.627	201	28,4	10.4	26	:21	94.	<u> </u>	• B	6138	1			<u> </u>			9

### **PSYCHROMETRIC SUMMARY**

13909 VANCE AFB OKLAHOMA/ENID .42-46,48-74 DEC MONTH

STATION NAME YEARS PAGE 1 2100-2300 Hours (L. S. T.)

Temp.						WET	BULB	remper	ATURE	DEPRE	SSION (	F)	TOTAL TOTAL  2 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew								
(F)	0	1.2	3 - 4	5 - 6	7 - 8	9 - 10				17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67						)	• 1	• 2		1		i						5	5		
66/ 65							, î	1	L	l	l				1 1		i	3	3		'
64/ 63			• 1							[								2	.5	[	
62/ 61		. 2	<i>i</i> 2				I			Į .	!			i .	!		ļ	6	6		
607 59		•2		2			• 1											12	12	5	3
58/ 57	•1	• 3	• 2	1	. 1	, 4				İ		[					i	12	21	10	-6
56/ 55	• 1	.4	. 2	• 1		. 1				Ī								20	20	12	8
54/ 53	• 2		• 2	• 2	. 2	.2	• 1	• 1		L								25	25	25	24.
52/ 51	. 3	• 2		.2	. 2	2	.3		-	1								32	32	16	18
50/ 49	. 2						1	1		<u> </u>		<u> </u>						42	42	23	15.
48/ 47	• 4				.7	•2				1								56	56	.26	15
-46/ -45	•6	.1.0	.7															.113	113	.34	.28
44/ 43	• 4	8	1.7	:2.0		• 1	• 1			]					•		]	.103	103	.58	
42/ 41	• 4	1.1.7	.2.0	:2.6	, 4					L	L	<u> </u>			ı l			134	134		.36
>40/ 39	• 4	.:2.1	3.6		. 4					1	i							158	158		,60
38/ 37	• 6	1.9	.3.4	2.2							<u> </u>			l			L	153	153		52:
36/ 35	•4	**4 • 1	.3.7	.1.2										1			1	173	173	194	
34/ 33	. 9	,3.1		.8											[[		L	147	147	178	138
32/ 31	•6			• 7	• 1													122	123	.192	159
30/ 29	- 3													<u> </u>				122	122		
28/ 27	. 8			• 2						l								90	90		
26/:25	7		1.4															.86	86		
24/ 23	•5	2.0	. 8				(	ļ	İ	1	Ι.	ļ į					1	.62	62	92	
:22/:21	- • >									<u> </u>	<u> </u>	<u> </u>						.38	'38		101
20/ 19	. 2		. 2			ļ	ļ			İ	l			1			1	.23	23	39	91
18/ 17	<u> </u>								ļ								<u> </u>	.13	.13		74.
16/ 15	- 2	3	<i>3</i>			i i			1	)	i i			1	1			15	15		58
.14/ .13	<u>.ì</u>	-4	-							<u> </u>								9	.9		.46
12/ 11	• 1	.3	ė 1	}				}	1	1	1			1				9	9		91 74 58 46
10/ 9										<u> </u>								.10			'Z1
8/ 7	• 2	•4							1									10	10		16
6/ 5										<u> </u>										15	20
4/ 3		İ								1							[				16 20 12
2/ 1		لسيسيا							<u> </u>	<u> </u>	<u></u>			<u> </u>						<u> </u>	13
Element (X)		Σχ²			žχ		<u>X</u>	<b>"</b> X	-	No. Ol	5.							h Temperat			
Rel. Hum.				<u> </u>				ļ	_			± 0 1	F   -	≤ 32 F	≥ 67	F   2	,73 F	≥ 80 F	× 93	F_	Total
Dry Bulb															ļ	_					
Wet Bulb						-															
Dew Point				L		ــــــــــــــــــــــــــــــــــــــ		<u> </u>			i				<u> </u>			L		1	

USAFETAC FORM 0-26-5 (OLA) REVISED MENDOS EDITIONS OF THIS FORM ARE DISCORDER

USAF ETAC AIR WEATHER SERVICE/MAC 13909 VANCE AFB OKLAHOMA/ENIO STATION NAME

PREVIOUS

0.26.5 (OL A)

FOEM JUL 64

USAFETAC

DATA PROCESSING BRANCH

# **PSYCHROMETRIC SUMMARY**

DEC

2100#2300 PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 0/ --1 3 ·-4/ ·-5 ·-6/ ·-7 <u>.6</u> --8/ --9 TOTAL 9.434.430.316.9 5.2 2.4 1.0 1815 1814 1814 1814 Z_{X²} Element (X) No. Obs. Mean No. of Hours with Temperature 130706 72.115.905 65774 36.2 9.775 59819 33.0 8.868 Rel. Hum. 9876524 1814 1815 1814 ≤ 0 F ≤ 02 F 267 F 273 F 280 F 293 F .2556922 .2115175 Dry Bulb 93 .31.3 Wet Bulb 93 4440 8 66 8 49931 :27,510,415 .1571015 1814. 93

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42-46-48-74

# **MEANS AND STANDARD DEVIATIONS**

DRY-BULB TEMPERATURES DEG FFFROM HOURLY OBSERVATIONS

13909	VAI	NCE AFB	OĶLAH	IDMA/EN	ÌD		42-7	5						
STATION			STA	ATION NAME						YEARS			-	
HRS. (L S.T.)		JAN.	FEB.	MAR.	APP	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN S D TOTAL OBS	31.8 11.063 1758	36.0 10.453 1529	11:061	9:753	7.978	71.3 6.718 1749	5.143	57782	77.809		10.574		
03=05	MEAN S D TOTAL OBS		33.5 10.374 1928	10.890	9,864	8.023	6,419	4.705	5,319	7.844	8,880	10.453	9.835	51.7 27.78 2520
06=08	MEAN S D TOTAL OBS	28.5 11.249 2759		10.997	9,778	8.173	6,942	5.629	5.884	8.073	8.755	10.229	9.919	\$2.1 18.850 31171
09-11	MEAN S D TOTAL OBS	33.4 12.241 2945	38.4 11.262 2592	12.564	10.504	9.041	8,181	7.458	7.632	7.577	9.867	10.807	10.688	39, 20,45, 3346!
12=14	MEAN S D TOTAL OBS	40.4 13.898 2950	13.114	14.066	11,381		8,609	7.905	8,435	10,543	11,024	54v9 11.893 :2930	12.181	20.67 3351
15-17	MEAN S. D TOTAL OBS	42.1 14.24 29.22	13,460	1144214	113331	98744	8,323	7.0816	8,302	81.0 10.576 2729	11,073	3523 11.785 .2796	120733	20.09 20.09 3297
18-20	MEAN S D TOTAL OBS	11	11,521	12,685	10.330	84903	7.928	76545	7,737	9,523	9,676		39.1 10.267 2197	
21-23	MEAN S D TOTAL OBS			11:270	97723	8-014 1911	75% 1 6, 849 2026	79:3 5:931 2076	162273	69.6 8.042 2002	8,945	10.210	92775	18.65
ALL HOURS	MEAN S D TOTAL OBS	35.0 13.221 19971	127794	113.7936	38.8 12.132 18336	68.4 10.765 18871	77.9 9.925 19674	82,6 9,545 19506	\$1,7 9,829 19989	72,3 11147 19146	52.1 11.638 19549	47.6 12.204	37:9 11:761 18479	20.46 22806

USAF ETAC (OM 0-89-5 (OL 1)

# **MEANS AND STANDARD DEVIATIONS**

WET-BULB TEMPERATURES DEG FREROM HOURLY OBSERVATIONS

13909	VAR	ICE-AFB	DKĻAH	DMA/ÈN	Ī.D		,42-7	<u></u>						
STATION			STA	TICH HAME						YEARS	<del></del>		-	
HRS (L.ST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
00-02	MEAN S.D. TOTAL OBS	29.4 10.361 1757		9.855		7.430 1541	5,388 1739	3.741 1802	68:2 4:159 1780	60:2 7:159 1757	31.9 8;388 1807	3993 10099 1710	31.6 8.975 1674	49.7 16.431 20400
03-05	MEAN S D TOTAL OL .	27.6 10.612 2217	9.698	10.046	46.6 9.657 2042	173749	55.437 2084	67.5 3.783 2166		59;3 7,514 :2129	8,814	10:134	30.4 92256 2022	48.1 16.633 25184
06-08	MEAN S D TOTAL OBS	26.7 10.765 2744		10:171	9,556	7.667	5.401	3,864	4:420	77561	8,860 2662	9.958		48.1 17.250 31135
09-11	MEAN S D TOTAL OBS	30.2 10.950 2940	9.649	10.320	51.6 9.086 2702	7.468	5,362	3.791	41161		54.6 8,294 2831	9.605	33.2 9.451 2752	51.9 16.909 33432
22-14	MEAN S. D TOTAL OBS	35.7 11.260 2950		10.249	8,742	7.374		37818	-46102	6,891	85017	9.413	37.6 9.643 2762	54.8 15.849 33496
15-17	MEAN S D TOTAL OBS	11.142	9.794	45.5 9.935 2767	8.647	11.053	5.110	2772	3,983	6.612	17.0 270	9:222	38.2 9,586 2699	15,465
18+20	MEAN S D TOTAL OBS	10:535 10:535 2456	9.446	42.9 9.857 2349	8,912	7.006	5,102 2366	3.830	小井公りララ	16:735	8.047	19:145		38.2 16.026 28093
.21+23	MEAN S. D TOTAL OBS	30.8 10.334 1966	9,358	9.702	8.943	7.197	5,237	3.877 2076	4,188 2071	2001	8,195	1909	8,868 1814	16.227 23191
ALL HOURS	MEAN S. D TOTAL OBS	31.2 11.260 19951	10:207	40.7 10.672 18856	9,529	77787	5,686	70;6 4,25 19506	69.7 4,589 19987	.62.6 "7.491 19143	8,781 19506	41.9 10.155 19122	33.8 9.804 18439	51.8 16.366 227890

USAF ETAC 10M 0-89-5 (OL 1)

### **MEANS AND STANDARD DEVIATIONS**

DEW-POINT TEMPÉRATURES DEG FREROM (HOURLY OBSERVATIONS

13909 VANCE AFE OKLAHOMA/ENID

42-75

	• • • • •			•	<del>,</del> -		7	7						
STATION			STA	TION NAME						YEARS			_	
HRS. (L S.T.)		JAN	FEB	MAR.	APR.	MAY	אָטן.	JUL.	AUG.	SEP.	ОСТ	NOV	DEC	ANNUAL
	MEAN	24.6			49.5	55.0	63.3	65.3	6467		.47.3	3433	26.8	45.5
00-02	S D	12.085	11,009	11.252	111165	8.470	6,050	5.130	5,576	9,352	10,586	12.087	10.524	17.805
	TOTAL OBS	1757	1528	1598	1607	1641	1739	1802	1780	1737	1807	1710	1674	20400
	MEAN	23.3	26.8		42.4	53.8		64,7			46.2			44.4
.03=05	S. D TOTAL OBS	12.414				8.641 2057	5,937	4,840			10,808	2113	2022	18.057 25184
	MEAN	22.3	25.8	3111	42.7	54.1	62.8	65.2	63.9	-56.44	- 45.9	3322	25.0	54.2
06∞08	S. D			11.664									10.925	18,463
	TOTAL OBS	2744				2538						2592		31134
	MEAN	24.0	27.6	33.0	44.2	55.0						35.4		48.5
09-11	S. D TOTAL OBS	2940		12:011 2807			2765		5.406 2926			2820	2751	18.193 33431
	MEAN	25.8	29.0	33.9	4466	15511	:63%2	64,8	63.6	57.3	47.6	_36 ₹2	28.6	45.9
12-14	S D TOTAL OBS		11,375	12,151	12.053	9.894	6,544	5.825	5,947	7,436	11,260	11/921	11:029	17,562
15-17	MEAN S D	26.2 12.429	11,285	12:130	44.3 12.135	94925		63.9	62.7	19 + 466	11:236	21:799	10.948	17:223
	TOTAL OBS	2921	2555	2787	2676	2679	2713	2772	2866	2729	:2789	2793	2699	32959
10.20	MEAN S D	26:0				35.7	63.2			36.2	47.6	35.6	28.4	45.9
18-20	TOTAL OBS			11;871 2343	)	9:378					:2415	11.524	2194	177279 28093
	MEAN	25.3	.29.2	3373	4442	3527	63.6	39534	6444	5620	A 7 3 A	334.3	27,5	44.2
21-23	s o	11/977	10.705	115433	11.207	8.650	6,386	5.637	5,705	9,354	10,171	11:719	10,415	17.592
	TOTAL OBS	1966	1042	1892										23171
ALL	MEAN S. D	24.7	28.1	32.4	43.9	15409	63.1	16469	43.4	36.6	,47.1	35:0	27.3	172790
HOURS	TOTAL OBS				18830		19061	119506	19927	19142	19506	19122	18438	227887

USAF ETAC 100 0-89-5 (OL 1)

### **RELATIVE HUMIDITY**

13909 STATION

VANCE AFB OKLAHOMA/ENID

STATION NAME

42-75

ALL

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#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
нтиом	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS
JAN	ALL	100.0	99.6	97.8	92.6	83.3	69.6	51.3	32.6	13.3	69,6	19947
FEB		100.0	99.2	95.5	87.8	77.5	64.5	49.3	32.2	15.0	67.7	17414
MAR		100.0	98.0	92.1	82.7	70.1	56.2	41.6	26.5	12.1	63.6	18855
APR		99.9	98.4	92.9	83.3	69.7	54.5	38.8	23.7	9.9	62.8	18328
MAY		100.0	99.4	96:2	89.1	77.7	63.1	46.9	29.1	10.9	66.9	18563
JUN	<u> </u>	100.0	99,9	97.6	88.2	74.3	57.7	41.8	25,5	8.2	64.9	19060
JUL		100.0	99.3	93.4	80.3	65.4	49,1	33.5	18.9	5.7	60.2	19500
AUG		100.0	99.6	93.2	79.2	63.6	48.2	33.4	19.1	5.6	59.8	19986
SEP		100.0	98.6	92,8	82.6	68.9	54.4	39.4	24.7	9.4	62.7	19140
DCT		100.0	98.6	92.7	82.4	70.1	55.5	40.0	24.48	10.2	63.1	19501
NOV		100.0	99.7	96.4	87.8	75.2	59.8	42.8	.26,5	11.3	65.6	19120
DEC		100.0	99.7	97.8	92.8	82.7	6777	50.1	31.5	13.8	69.2	18434
101	TALS	100.0	99.2	94.9	85.7	73.2	58.4	42.4	26.3	10.5	54.7	227848

USAFETACT (OL A)

# **RELATIVE HUMIDITY**

13909

VANCE AFB OKLAHOMA/ENID

42-47,49-75

JAN

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1

PERIOD

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL NO OF
MUNIH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
JAN	20-00	100.0	100.0	99.9	98,8	94.8	84.2	63.7	42.4	Ĭ7.2	75.7	1757
	03-05	100.0	100.0	99.8	99.1	96.2	87.5	70.1	46.3	20.0	77.5	2216
	06-08	100.0	100.0	99.9	99.5	97.2	89.9	72.8	46.5	18.7	78.1	2744
	09-11	100.0	99.9	99.3	95.8	87.0	70.2	49.0	28.8	12.5	69.8	3938
	12-14	100,0	98.9	94.3	P1.6	62.9	49:3	28.0	17.8	7.1	59.0	2949
	15-17	100.0	97.8	91.3	75.9	57.8	40.9	27.6	16.6	,6.8	57.0	2921
	18-20	100.0	99.9	98,3	92.8	79.8	63.8	43.9	26.3	9,9	67.0	2456
	21-23	100.0	100.0	99,7	97.6	90.5	76:7	35:2	35.8	Ĩ4.3	72.5	1966
										<del> </del>		
TC	TALS	100.0	99.6	y7.8	9ž.6	83.3	69.6	51,3	32.6	Ĭ3.3	69.6	19947

USAFETAC 0-87-5 (OL A)

# **RELATIVE HUMIDITY**

13909

VANCE AFB OKLAHOMA/ENID

STATION NAME

42-46,49-75

PERIOD

FE8

HINOM

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	I		MEAN	TOTAL NO OF
нтисм	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS
FEB	00-02	100.0	100.0	99.7	97.6	91.2	81.8	65.4	44.3	21.5	76.0	1525
	03-05	100.0	100.0	99.9	98.7	94.3	85.7	69.5	46.6	22.3	77.3	1925
	06-08	100.0	100.0	99.8	98.8	95.4	87.2	70.8	.47 •4	20.6	77.7	2399
	09-11	100.0	99.8	97.8	90.9	79.3	62.6	44.2	.29.8	14.5	67.5	2581
	12-14	100.0	98.1	88.4	71,9	54.7	38.4	27.1	17.4	8.i	56.0	2590
	15-17	100.0	96.2	82.9	64.5	48.9	34.7	24.0	14,4	7.0	52.8	2555
	18-20	100.0	99.5	95.5	85.1	69.8	54,4	37.9	.22.3	9.5	63.0	2147
	21-23	100.0	99.9	99.6	94.9	86.2	71.4	5547	35.3	i6.1	71.6	1692
	ļ		ļ	ļ			<u> </u>	ļ	<u> </u>	<u> </u>		<u> </u>
		 <del>- </del> -	J						<u>  .</u>			
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	<u> </u>				ļ		<b>_</b>		-			
TC	TALS	100.0	99.2	95.5	87.8	77.5	64.5	49.3	32.2	15.0	57.7	17414

USAFETAC FORM 0-87-5 (OL A)

### **RELATIVE HUMIDITY**

13909 STATION

VANCE AFB OKLAHOMA/ENID

42-46,49-75

MAR

STATION NAME

MONTH

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL NO OF
MUNIH	(LST)	10%	20%	30%	40%	Ę.	60%	70%	80%	90%	HUMIDITY	OBS.
MAR	00-02	99.9	99.7	98.7	95.9	85.5	74.2	59.6	39.7	17.6	72,8	1598
	03-05	100.0	100.0	99.7	98.0	91.8	78.7	63.0	42.1	19.9	75.0	2055
	05-08	100.0	100.0	99.8	97.6	92.2	80.3	63.3	·40 : 5	Ĭ8.4	74.8	2585
	09-11	100.0	99.4	94.3	83.9	69.4	51.8	34+8	21.3	10.3	52.1	2807
	12-14	99.9	95.0	81.7	64.2	46.9	31.9	20.4	12.8	5.8	51.5	2808
~ <del>~ ~ ~ ~ ~</del>	15-17	99.9	92.2	75.5	56.5	39.6	2 <b>7.8</b>	15.7	12.3	5.3	48.2	2767
	18-20	100.0	98.0	89.8	75.2	59.2	41.7	27.9	16,6	7.4	57.1	2343
	21-23	100.0	99.8	97.6	.90.5	76.4	69.5	45.2	26.9	12.2	66.9	1892
TC	TALS	100.0	98.0	92.1	82,7	70.1	56.2	41.6	26.5	12.1	63.6	18855

USAFETAC FORM JUL 54 0-87-5 (OL A)

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### **RELATIVE HUMIDITY**

13909 VANCE AFB OKLAHOMA/ENID

42-45,49-75

PERIOD

APR

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	'		MEAN RELATIVE	TOTAL NO OF
монтн	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	YTKIMUH	OBS.
APR	00-02	100.0	99.9	99.4	97.1	88.6	74.4	56.8	.37.4	16.0	72.7	1605
	03-05	100.0	99.9	99.7	97.9	92.0	80.6	64.6	42.3	18.3	75.4	2042
	06-08	100.0	100.0	99.8	98.1	91.3	77.9	59.6	37.2	14.5	73.5	2497
	09-11	100.0	98.9	94.3	82,9	65.2	47.2	29.8	15.7	6.8	59.7	2702
	12-14	99.9	96.3	83.1	64-1	45.0	28.8	Ï6.5	9.6	4.1	50.3	2707
	15-17	99.7	94.3	77.5	57.2	39.3	25.4	14.4	8,4	3.6	47.6	2676
	18-20	99.9	98.5	90.9	75.8	57.4	39.4	24.8	13.3	5.6	56.2	2263
·	21-23	99.9	99.7	98.3	93.0	78.8	62.1	43.6	26.0	9.9	66.8	1836
											-	
TC	DTALS	99.9	98.4	92.9	83.3	69.7	54.5	38.8	23.7	9.9	62.8	18328

USAFETAC FORM 0-87-5 (OL A)

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# **RELATIVE HUMIDITY**

13909 STATION

VANCE AFB OKLAHOMA/ENID

42,44-46,49-75

MAY

STATION NAME

HINOM

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
HTMOM	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	YTIDIMUH	OBS.
MAY	00-02	100.0	100.0	99.9	98,7	97.1	90.9	74.5	49.3	21.1	78.9	1641
	03-05	100.0	100.0	100.0	99.5	98.4	94.7	84.0	61.1	25.5	82.1	2057
	06-08	100.0	100.0	100.0	99.4	96.7	88.8	71.5	45.3	16.2	77.6	2538
	09-11	100.0	99.7	97.6	90.2	73.8	51.5	31.5	14.9	.4.1	61.9	2717
	12-14	100.0	98.7	90.5	73.6	30.9	29.7	15.2	6.9	'2.1	52.4	2717
	15-17	99.9	97.6	87.3	68,2	44.3	25.4	14.2	7.4	2.1	50.1	2677
	18-20	100.0	98.9	95.2	86.2	68.6	45.6	28.1	14.9	4.6	59.8	2305
	21-23	100.0	99.9	99.1	97.3	91.9	78.4	55.9	33.1	11.7	72.4	1911
TO	TALS	100.0	99.4	96.2	89.i	77.7	63.1	46.9	29.1	10.9	66.9	18563

0-87-5 (OL A) USAFETAC

### **RELATIVE HUMIDITY**

13909

VANCE AFB OKLAHOMA/ENID

42-46,49-75

JUN

STATION

STATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>	
	21-23	100.0	100.0	99.8	96.9	87.9	· <b>Ť</b> ĺ • 2	50.3	25.6	7.0	69.5	2025
	18-20	100.0	100.0	96.7	81.3	58.6	35.6	18.0	7.1	2.4	55.6	2366
	15-17	100.0	99.6	91.0	64.1	35.8	16.1	8.2	2.6	.9	47.5	2713
	12-14	100.0	99.8	94.0	73.2	46.0	22.1	9.8	4,4	.8	50.5	2763
	09-11	100.0	100.0	99.0	91.8	73.5	47.1	25.0	11.2	3.0	.60.6	2765
	06-08	100.0	100.0	100.0	99.6	97.1	87.8	68.8	43.2	13.1	76.6	2606
<del></del>	03-05	100.0	100.0	100.0	99.6	98.8	94.4	83.0	61.3	23.1	81.9	2084
JUN	00-02	100.0	100.0	99.9	99.2	96.5	87.1	71.5	48.3	15.0	77.2	1738
нтиом	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO OF OBS.
	HOURS			PERCENTAC	F FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL

USAFETAC FORM 0-87-5 (OL A)

### **RELATIVE HUMIDITY**

13909 VANCE AFB OKLAHOMA/ENID

42-46,49-75

JUL

FERIOD

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		_	PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	1		MEAN RELATIVE	TOTAL
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO OF OBS.
JUL	00-02	100.0	100.0	99.8	97.7	91.1	76.0	57.4	34.7	10.0	72.3	1802
»	03-05	100.0	100.0	100,0	99.3	96.2	86.7	68.6	.44.6	1537	76.8	2166
	06-08	100.0	100.0	99.9	98,5	93.7	78.3	57°6	32.7	9.3	72.6	.2643
	09-11	100.0	99.6	96.7	84.2	61.3	37.4	19.7	8.7	2.3	56.5	2813
	12-14	100.0	98.3	85,3	57.6	32.6	Ĭ7.2	7.7	3.5	.9	45.9	.2813
<del></del>	15-17	100.0	97.4	77.4	47.1	26.4	14.2	6.9	2.5	.8	42.9	2769
	18-20	100.0	99,3	89.6	3.5	42.9	26.3	14.4	6.1	1.8	50.2	2418
	21-23	100.0	99.9	98.6	92.7	78.8	56.7	36.0	18.7	4.7	64.2	2076
10	TALS	100.0	99.3	93.4	80,3	65.4	49.1	33.5	18.9	5.7	60.2	19500

USAFETAC 0-87-5 (OL A)

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### **RELATIVE HUMIDITY**

13909

VANCE AFB OKLAHOMA/ENID

42-46-49-75

AUG

STATION

STATION NAME

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	1		MEAN	TOTAL
нтиом	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS.
AUG	00-02	100.0	100.0	97.9	97.0	87.2	74.3	55.8	32.4	9.3	71.4	1780
·	03-05	100.0	100.0	100.0	99,4	94.6	82.3	66.1	43.8	14.6	75.7	2203
	06-08	100.0	100.0	99.9	99.1	93.9	79.7	39.5	36.5	12.2	73.7	2743
	09-11	100.0	100.0	97.3	84.3	61.4	38.2	20.9	10.0	2.1	56.9	2926
	12-14	100.0	99.2	83.3	54.9	30.6	Ĩ7.1	8.9	4.2	1.1	45.5	2928
	15-17	100.0	98.0	76.1	43.6	23.9	14.0	6.9	3.2	.7	42.1	2866
	18-20	100.0	99.7	89.4	64.3	42.1	25.2	14.0	6.1	1.2	49.8	2470
	21-23	100.0	100.0	99.3	90.8	74.8	54.7	34.9	16.5	3.8	63.0	2070
<del></del>		ļ									<del> </del>	
TC	DTALS	100.0	99.6	93.2	79.2	63.6	48.2	33.4	19.1	5.6	59.8	19986

USAFETAC

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0-87-5 (OL A)

### **RELATIVE HUMIDITY**

13909 STATION VANCE AFB DKLAHDMA/ENID

42-46,49-75

PERIOD

SEP

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# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	-		PERCENTAG	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
нтиом	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
SEP	00-02	99.9	99.9	98.6	93.1	82.4	71.4	54.1	34.3	14.1	70.6	1757
	03-05	100.0	100.0	99.6	97.9	90.9	82.0	68.2	.47.8	Ï9.4	76.4	2129
	06-08	100.0	99.9	99.6	97.5	92.5	83.7	68.9	47:7	17:7	76.4	2599
	09-11	100.0	99.4	95.2	85.4	71.6	51.9	32.6	16.7	6.2	61.4	2777
	12-14	99.9	96.2	84.4	66,6	45.2	26.2	15.4	8.1	2.8	50.1	2790
	15-17	99.9	94.6	79.3	58,4	36.6	22.1	13.0	6.7	2.3	46.9	2728
	18-20	100.0	98.9	89.1	74.3	56.5	38.3	23.4	12.4	3.9	55.2	2359
	21-23	100.0	100.0	96.7	87.3	75.1	59.9	39.2	23.5	8.5	64.6	2001
										•		
			-			<del>  -</del>	<del> </del>	<del> </del>		-		
τc	DTALS	100.0	98.6	92.8	82,6	68.9	54.4	39.4	24.7	9.4	62.7	19140

USAFETAC FORM 0-87-5 (OL A)

### **RELATIVE HUMIDITY**

13909

VANCE AFB OKLAHOMA ENTO

42-45,48-75

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STATION

C

PERIOD

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FPEQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	1		MEAN	TOTAL NO OF
MONTH	(£ S.T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS
OCT	00-02	100.0	100,0	98.5	94.6	87.4	74.9	56.6	34.8	16.0	72.0	1805
	03-05	100.0	100.0	99.3	97.1	91.8	83.5	65.6	43.9	20.4	76.0	2168
	06-08	100.0	100.0	99.4	97.7	92.9	83.0	67.1	.43.7	17.3	75.8	2661
	09-11	100.0	99.3	94.4	83.4	67:3	47.0	29.5	17.0	6.6	60.1	2831
	12-14	100.0	95.6	81.3	60.8	41.0	25.0	16.0	9.9	3.4	48.9	2835
	15-17	100.0	94.5	77.7	55.8	37.6	22.5	Ĭ5.0	9.1	.3.1	47.0	2789
	18-20	100.0	99.6	93.1	79.1	63.2	.44.7	27.8	15.6	5.2	58.5	2414
	21-23	100.0	100.0	97.6	50.9	79.8	63.6	42.4	24.7	9.8	66.6	1998
								<del> </del>		-		
	-											
TC	OTALS	100.0	98.6	92.7	82.4	70.1	55.5	40.0	24.8	10.2	63.1	19501

USAFETAC FORM JUL 64 0-87-5 (OL A)

# RELATIVE HUMIDITY

13909 VANCE AFB DKLAHDMA/ENID

42-46,48-75

NOV

STATION

C

STATION NAME

PERIOD

HINOM

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN											
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.		
NOV	00-02	100.0	100.0	100.0	97.4	90.4	74.6	57.0	36.1	15.8	72.8	1710		
	03-05	100.0	100.0	99.9	98,9	94.7	82.5	64.7	41.7	18.9	75.8	2113		
	06-08	100.0	100.0	100.0	98.8	94.1	84.9	65.9	43.6	17.6	76.1	2592		
	09-11	100.0	99.9	97.7	89.3	74.6	55.8	36:2	20.6	9.0	64.0	2820		
	12-14	100.0	99.8	87.9	69.2	48.7	31.2	Ĩ9.3	11.5	5.7	52.8	2828		
	15-17	100.0	98.6	87.3	66.6	46.2	31.4	19.4	11:1	5.3	5272	2793		
	18-20	100.0	100.0	98.6	87.4	71.1	52.7	32.7	18.9	7.6	62.7	2355		
	21-23	160.0	100.0	99.5	94.9	82.1	65.6	46.9	28.7	10.8	68.6	1909		
			-											
TOTALS		100.0	99,7	96.4	87.8	75.2	59,8	42.8	26.5	11.3	·65.6	19120		

USAFETAC FORM 0-87-5 (OL A)

### **RELATIVE HUMIDITY**

13909 VANCE AFB DKLAHDMA/ENID

42-46-48-74

DEC

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS (L S T.)		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN											
MONIN		10%	20%	30%	40%	50%	60%	70%	80%	90%	PELATIVE	NO OF OBS.		
DEC	00-02	100.0	100.0	99.9	99.1	93.3	81.1	62.5	39.5	18.2	75.1	1673		
	03-05	100.0	100.0	100.0	99.0	95.2	85.4	70.1	45.1	19.6	77.0	2022		
<del></del>	06-08	100.0	100.0	100.0	99.4	96.2	87.3	70.5	46.0	18.9	77.4	2522		
	09-11	100.0	100.0	98.9	94.9	83.2	65.9	47.3	28.4	12.3	68.7	2750		
	12-14	100.0	98.9	93.7	79.7	60.9	41.4	26.8	16.6	77.5	58.1	2762		
	15-17	99.9	98.6	92.0	78.9	60.7	41.5	27.8	16.8	7.7	57.9	2699		
	18-20	100.0	~5.9	98.3	93.9	82.6	62.7	43.4	25.3	11.1	67.2	2192		
	21-23	100.0	100.0	99.7	97.4	89.8	76.0	52.4	34.5	ĭ5.3	72.1	1814		
TC	TALS	100.0	99.7	97.8	92.8	82.7	67.7	50.1	-31.5	13.8	69,2	18434		

USAFETAC FORM 0-87-5 (OL A)

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART F

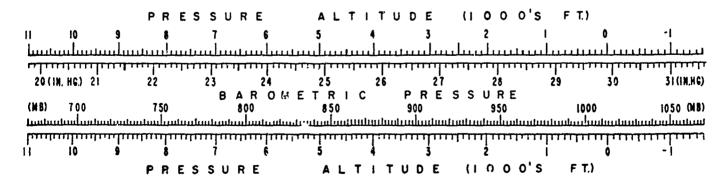
### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945. Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65. METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below '- a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



74-29967

# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HE FROM HOURLY IDESERVATIONS

13909 VANCE AFS DKLAHDMA/ENID

46463,65475

STATION	STATION NAME							YEARS							
IRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL. ,	ĄUG.	SEP.	OCT.	NOV	DEC	ANNUAL	
	MEAN	20.702						28.605	25,600				28,692	28,62	
00	SD	.245		.239	.217	161		-093		136		235	237	.19	
	TOTAL OBS	466	401	417	418	468	-491	497	478	.469	483	454	.435	546	
	MEAN	28.196	28.554	28.584	28,550	28.525	28,528	28.597	28,595	28.634	28.660	28.678	28.685	28,61	
03	S. D.	-247			.221		130	.093		139	173		.240	:20	
	TOTAL OBS	465		404	413	445	429	465		465		-447	433	530	
	MEAN	28.752		28,592	28.564	28.560	28.554	28,616	28,617 .094	28.642	28,666	28,684	25,686	28,63	
06	S. D.	.247	.234	.235	.226	165	129	.092	.094	.142	180	. 234	.236	.19	
	TOTAL OBS	7310	621	665	645	690	690	692	'746	700	'718	699	667	826	
	MEAN	28.735	28,700	28.621	28,588	28.283	28,574	28.637	28,639	28.666	28,693	28.719	28,714	28,65	
09	S. D.	.252			.226	169	1129	093		.143	185	:230	.240	.20	
	TOTAL OBS	804		755	7719	758	745	760		7771	788	7.89	'768	116	
	MEAN	28.724		28.611	28.577	28.570	28,559	28.618	28,022	28.648	28,574	28,697	28,498	28.64	
12	S. D.	.251	.230	.242	1224	167	128	.093	2097	.141	184	235	22-1	120	
	TOTAL OBS	808	691	752	7.23	. 757	7749	7757	1822	782	7791	''794	777	920	
	MEAN	28 673	28,634	28.554	28,527	28.528	25,518	28,376	28,576	256597	28,623	28.649		28,59	
15	S. D.	.244	. 226	234	2218	164	.127	092	.098	139		228	235	.19	
	TOTAL OBS	805	693	752	77.23	782	749	7.53	819	780	7793	7792	775	920	
	/LEAN	28.687			28,520	28.503	28,490	28,347	28,548	28,387	28,624	28.660	28,667	28,98	
18	S D.	3237	.220	.224		1160	. 126	-092	.104	149	176	219	1227	. 19	
	TOTAL OBS	'763	642	694	- 70	682	676	1688	733	694	7.25	7734	692	£39	
	MEAN	28.709	28.660			28,531	28,517	28,581	28,578	21,022		28.689	28,685	28.61	
21	S. D.	.237	.227	220		4750		• (1 <b>.9</b> )	094	. 136		.224	.231	19	
	TOTAL OBS	599	`485	546	529			598	>617		-581	563	509	673	
	MEAN	286704	28,665	28,588	28,556	28,544	28.536	28.597	28,598 101 5497	28,029	28,637	28,582	28,485	28,62	
ALL	S. D.	28,704 246	.230	238	.221	1 169	1130	1094	1101	142		232	.237	. 19	
HOURS	TOTAL OBS	5400	4620	4985	-484D	-5149	35090	3220	5497	5246	15359	2272	5056	6173	

# **MEANS AND STANDARD DEVIATIONS**

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13909	1AV	IÇE AFB	42-47,49-63,66473												
STATION			STA	TION NAME		YEARS									
HRS. (L.S T )		JAN.	FEB.	MAR.	APR.	ŅΑΥ	אטן.	JUL.	AUG.	SEP	ОСТ	ŅOV	DEC	ANNUAL	
00 :	MEAN S.D.	1020.0	1018.0	1015.2	1013.4	1012.1	2011.4	1013.9			1016.9	1018.5	1019.5	1015.	
	TOTAL OBS	553				553		3.505		75.085 589		543	86529 527	671	
	MEAN	1019.8	1017.7	1014.5	1013.0	1011.6	1011.1	1013.6	1013.1	1015.2	1016.7	101823	1019.3	1015.	
03	S. D. TOTAL OBS	9.191	8,852	9.130	8.106	.0.065	4.989	3.496	3,515	75.126	6.493	8:705	0,425	7.62	
	MEAN	1020.1	1018.5	1015.3	1013.6	1012.8	101222	1014-4	101443			101827	1019.3	1016.	
06	S D TOTAL OBS	9.176	8,832	83732	81297	6.057	4.969	34459	3.704	15.135	.64692	0.652	8.697	7.55 862	
								l	1	<del> </del>	I				
09	MEAN S D	9.336	8,667	9.039	8.236	.6.157	44927	3,503	3.686	5.230	6877	187777		7.69	
	TOTAL OBS													.931	
12	MEAN S D	9:227	8.634	8,984	8.164	6.102	4.936	3.522	3.70	101640	6.744	8.708	18:066	7.46	
	TOTAL OBS	820												.936	
15	MEAN S D	9.022	8.473	8.715	7.916	6:077	44884	63.499	137777	156131	67596	8,421	8,665	1014.	
	TOTAL OBS	817						1	<u> </u>					936	
18	MEAN S. D.	1019,6	1017.4	2013	1012.1	1010.0	1009.9	1012.1	1011.4	1013.9	1015.8	1017/9	1018.9	7255	
	TOTAL OBS	782	. 667	746	7703	`.680	706	77,29	761	741	766	*742	701	872	
21	MEAN S D	1020-3	1018.0	1015:1	1013.5	1011:7	1010-	1013.2	1012.5	1015.0	1016.8	1018/7	1019.4	1015	
	TOTAL OBS	642		- 640	624	627	666	684	7701	5.028	675	025	590	77.2	
ALL	MEAN S D	1020.1	1018,1	1015.0	103373	1012:1	1011.4	1013.0	1013,	2615.3	1016.9	1018;5	1019.4	1015	
HOURS	TOTAL OBS	5740	4942	5537	5299	5322	5512	5681	3,013	5.209 5746	15851	5509	8,653 5343	7.61	

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